# Hostacom CR 250 F M G31463

## Polypropylene Copolymer LyondellBasell Industries

### Message:

Hostacom CR 250 F M G31463 is a 16% talc filled PP copolymer, with high flowability, excellent impact/stiffness balance, good scratch resistance and good UV resistance. Product is available as a customized color matched, pellet form. It has been designed using the latest advancements in resin synthesis and compounding technology. This grade is delivered in G13463 color version.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Restures	General Information			
Copolymer   Impact resistance, good   Good UV resistance   High liquidity   Scratch resistance	Filler / Reinforcement	Talc filler, 16% filler by weight		
Impact resistance	Features	Rigid, good		
Good UV resistance		Copolymer		
High liquidity   Scratch resistance   Scratch res		Impact resistance, good		
Scratch resistance   Scratch		Good UV resistance		
Uses		High liquidity		
Appearance         Available colors           Forms         Particle           Processing Method         Injection molding           Physical         Nominal Value         Unit         Test Method           Density (23°C)         1.03         g/cm³         ISO 1183/A           Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         12         g/10 min         ISO 1133           Mechanical         Nominal Value         Unit         Test Method           Tensile Stress (Yield, 23°C)         18.0         MPa         ISO 527-2           Flexural Modulus <sup>1</sup> (23°C)         1650         MPa         ISO 178/A           Impact         Nominal Value         Unit         Test Method           Charpy Notched Impact Strength         L         ISO 179/1eA         4-40°C         2.5         kJ/m²         ISO 179/1eA           23°C         35         kJ/m²         ISO 179/1eA         50 180/1A           4-40°C         3.0         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           Heart Deflection Temperature (0.45 MPa,		Scratch resistance		
Appearance Available colors  Forms Particle  Processing Method Injection molding  Physical Nominal Value Unit Test Method  Density (23°C) 1.03 g/cm³ ISO 1183/A  Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) 12 g/10 min ISO 1133  Mechanical Nominal Value Unit Test Method  Tensile Stress (Yield, 23°C) 18.0 MPa ISO 527-2  Flexural Modulus 1 (23°C) 1650 MPa ISO 178/A  Impact Nominal Value Unit Test Method  Charpy Notched Impact Strength ISO 179/1eA  -40°C 2.5 kJ/m² ISO 179/1eA  -40°C 3.0 KJ/m² ISO 179/1eA  -40°C 3.0 KJ/m² ISO 180/1A  Thermal Nominal Value Unit Test Method	Uses	Application in Automobile Field		
Forms         Particle           Processing Method         Injection molding           Physical         Nominal Value         Unit         Test Method           Density (23°C)         1.03         g/cm³         ISO 1183/A           Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         Test Method         ISO 1133           Mechanical         Nominal Value         Unit         Test Method           Tensile Stress (Yield, 23°C)         18.0         MPa         ISO 527-2           Flexural Modulus <sup>1</sup> (23°C)         1650         MPa         ISO 178/A           Impact         Nominal Value         Unit         Test Method           Charpy Notched Impact Strength         ISO 179/1eA         40°C         2.5         kJ/m²         ISO 179/1eA           23°C         35         kJ/m²         ISO 179/1eA         Notched Izod Impact         ISO 180/1A           4-40°C         3.0         kJ/m²         ISO 180/1A         1SO 180/1A           23°C         30         kJ/m²         ISO 180/1A         1SO 180/1A           123°C         30         kJ/m²         ISO 180/1A         1SO 180/1A         1SO 180/1A           124         125         126         127         128         128         128		Car dashboard		
Forms         Particle           Processing Method         Injection molding           Physical         Nominal Value         Unit         Test Method           Density (23°C)         1.03         g/cm³         ISO 1183/A           Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         "So 1183/A         ISO 1133           Mechanical         Nominal Value         Unit         Test Method           Tensile Stress (Yield, 23°C)         18.0         MPa         ISO 527-2           Flexural Modulus <sup>1</sup> (23°C)         1650         MPa         ISO 178/A           Impact         Nominal Value         Unit         Test Method           Charpy Notched Impact Strength         ISO 179/1eA         40°C         2.5         kJ/m²         ISO 179/1eA           23°C         35         kJ/m²         ISO 179/1eA           Notched Izod Impact         3.0         kJ/m²         ISO 180/1A           23°C         3.0         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           Thermal         Nominal Value         Unit         Test Method				
Processing Method         Injection molding           Physical         Nominal Value         Unit         Test Method           Density (23°C)         1.03         g/cm³         ISO 1183/A           Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         32         g/10 min         ISO 1133           Mechanical         Nominal Value         Unit         Test Method           Tensile Stress (Yield, 23°C)         18.0         MPa         ISO 527-2           Flexural Modulus ¹ (23°C)         1650         MPa         ISO 178/A           Impact         Nominal Value         Unit         Test Method           Charpy Notched Impact Strength         ISO 179/1eA         2.5         kJ/m²         ISO 179/1eA           23°C         35         kJ/m²         ISO 179/1eA         1SO 180/1A           23°C         3.0         kJ/m²         ISO 180/1A           23°C         3.0         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           Thermal         Nominal Value         Unit         Test Method	Appearance			
Physical         Nominal Value         Unit         Test Method           Density (23°C)         1.03         g/cm³         ISO 1183/A           Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         y         g/10 min         ISO 1133           Mechanical         Nominal Value         Unit         Test Method           Tensile Stress (Yield, 23°C)         18.0         MPa         ISO 527-2           Flexural Modulus ¹ (23°C)         1650         MPa         ISO 178/A           Impact         Nominal Value         Unit         Test Method           Charpy Notched Impact Strength         ISO 179/1eA         ISO 179/1eA           23°C         35         kJ/m²         ISO 179/1eA           Notched Izod Impact         3.0         kJ/m²         ISO 180/1A           -40°C         3.0         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           15mmal         Nominal Value         Unit         Test Method	Forms	Particle		
Density (23°C)         1.03         g/cm³         ISO 1183/A           Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         12         g/10 min         ISO 1133           Mechanical         Nominal Value         Unit         Test Method           Tensile Stress (Yield, 23°C)         18.0         MPa         ISO 527-2           Flexural Modulus <sup>1</sup> (23°C)         1650         MPa         ISO 178/A           Impact         Nominal Value         Unit         Test Method           Charpy Notched Impact Strength         ISO 179/1eA         1SO 179/1eA           -40°C         2.5         kJ/m²         ISO 179/1eA           Notched Izod Impact         ISO 180/1A         -40°C         3.0         kJ/m²         ISO 180/1A           -40°C         3.0         kJ/m²         ISO 180/1A         23°C         30         kJ/m²         ISO 180/1A           Termal         Nominal Value         Unit         Test Method	Processing Method	Injection molding		
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         12         g/10 min         ISO 1133           Mechanical         Nominal Value         Unit         Test Method           Tensile Stress (Yield, 23°C)         18.0         MPa         ISO 527-2           Flexural Modulus <sup>1</sup> (23°C)         1650         MPa         ISO 178/A           Impact         Nominal Value         Unit         Test Method           Charpy Notched Impact Strength         ISO 179/1eA         1SO 179/1eA           -40°C         2.5         kJ/m²         ISO 179/1eA           Notched Izod Impact         ISO 180/1A         1SO 180/1A           -40°C         3.0         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           40°C         3.0         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           40°C         3.0         kJ/m²         ISO 180/1A           Thermal         Nominal Value         Unit         Test Method	Physical	Nominal Value	Unit	Test Method
kg)         12         g/10 min         ISO 1133           Mechanical         Nominal Value         Unit         Test Method           Tensile Stress (Yield, 23°C)         18.0         MPa         ISO 527-2           Flexural Modulus <sup>1</sup> (23°C)         1650         MPa         ISO 178/A           Impact         Nominal Value         Unit         Test Method           Charpy Notched Impact Strength         ISO 179/1eA         ISO 179/1eA           23°C         35         kJ/m²         ISO 179/1eA           Notched Izod Impact         ISO 180/1A         ISO 180/1A           -40°C         3.0         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           Thermal         Nominal Value         Unit         Test Method	Density (23°C)	1.03	g/cm³	ISO 1183/A
Tensile Stress (Yield, 23°C)       18.0       MPa       ISO 527-2         Flexural Modulus <sup>1</sup> (23°C)       1650       MPa       ISO 178/A         Impact       Nominal Value       Unit       Test Method         Charpy Notched Impact Strength       ISO 179/1eA         -40°C       2.5       kJ/m²       ISO 179/1eA         23°C       35       kJ/m²       ISO 180/1A         -40°C       3.0       kJ/m²       ISO 180/1A         23°C       30       kJ/m²       ISO 180/1A         Thermal       Nominal Value       Unit       Test Method		12	g/10 min	ISO 1133
Flexural Modulus <sup>1</sup> (23°C)         1650         MPa         ISO 178/A           Impact         Nominal Value         Unit         Test Method           Charpy Notched Impact Strength         ISO 179/1eA         ISO 179/1eA           -40°C         2.5         kJ/m²         ISO 179/1eA           23°C         35         kJ/m²         ISO 180/1A           Notched Izod Impact         ISO 180/1A         ISO 180/1A           -40°C         3.0         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           Thermal         Nominal Value         Unit         Test Method	Mechanical	Nominal Value	Unit	Test Method
Impact         Nominal Value         Unit         Test Method           Charpy Notched Impact Strength         ISO 179/1eA           -40°C         2.5         kJ/m²         ISO 179/1eA           23°C         35         kJ/m²         ISO 179/1eA           Notched Izod Impact         ISO 180/1A           -40°C         3.0         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           Thermal         Nominal Value         Unit         Test Method	Tensile Stress (Yield, 23°C)	18.0	MPa	ISO 527-2
Charpy Notched Impact Strength       ISO 179/1eA         -40°C       2.5       kJ/m²       ISO 179/1eA         23°C       35       kJ/m²       ISO 179/1eA         Notched Izod Impact       ISO 180/1A         -40°C       3.0       kJ/m²       ISO 180/1A         23°C       30       kJ/m²       ISO 180/1A         Thermal       Nominal Value       Unit       Test Method         Heat Deflection Temperature (0.45 MPa,	Flexural Modulus <sup>1</sup> (23°C)	1650	MPa	ISO 178/A
-40°C       2.5       kJ/m²       ISO 179/1eA         23°C       35       kJ/m²       ISO 179/1eA         Notched Izod Impact       ISO 180/1A         -40°C       3.0       kJ/m²       ISO 180/1A         23°C       30       kJ/m²       ISO 180/1A         Thermal       Nominal Value       Unit       Test Method         Heat Deflection Temperature (0.45 MPa,	Impact	Nominal Value	Unit	Test Method
23°C       35       kJ/m²       ISO 179/1eA         Notched Izod Impact       ISO 180/1A         -40°C       3.0       kJ/m²       ISO 180/1A         23°C       30       kJ/m²       ISO 180/1A         Thermal       Nominal Value       Unit       Test Method         Heat Deflection Temperature (0.45 MPa,	Charpy Notched Impact Strength			ISO 179/1eA
Notched Izod Impact         ISO 180/1A           -40°C         3.0         kJ/m²         ISO 180/1A           23°C         30         kJ/m²         ISO 180/1A           Thermal         Nominal Value         Unit         Test Method           Heat Deflection Temperature (0.45 MPa,         Test Method         Test Method	-40°C	2.5	kJ/m²	ISO 179/1eA
-40°C       3.0       kJ/m²       ISO 180/1A         23°C       30       kJ/m²       ISO 180/1A         Thermal       Nominal Value       Unit       Test Method         Heat Deflection Temperature (0.45 MPa,	23°C	35	kJ/m²	ISO 179/1eA
23°C 30 kJ/m² ISO 180/1A Thermal Nominal Value Unit Test Method Heat Deflection Temperature (0.45 MPa,	Notched Izod Impact			ISO 180/1A
Thermal Nominal Value Unit Test Method  Heat Deflection Temperature (0.45 MPa,	-40°C	3.0	kJ/m²	ISO 180/1A
Heat Deflection Temperature (0.45 MPa,	23°C	30	kJ/m²	ISO 180/1A
	Thermal	Nominal Value	Unit	Test Method
	Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B

1. 1.0 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533 Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

