

# Hostacom TSOP EM5 G13012

Polypropylene Copolymer

LyondellBasell Industries

## Message:

Hostacom TSOP EM5 G13012 is a high melt flow, UV stabilised, mineral filled polypropylene copolymer which exhibits high impact combined with excellent stiffness. The grade has been designed for large automotive applications such as instrument panels and interior trim.

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Impact Resistance		
	Good Processability		
	Good UV Resistance		
	High Flow		
Uses	High Stiffness		
	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
	Automotive Interior Trim		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	28	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	> 76		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	19.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	> 80	%	ISO 527-2/50
Flexural Modulus <sup>1</sup> (23°C)	1750	MPa	ISO 178
Flexural Stress (23°C)	31.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	> 2.0	kJ/m <sup>2</sup>	
23°C	> 20	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	57.0	°C	ISO 75-2/A

## NOTE

1. 2.0 mm/min

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