

# Hostacom CR 250 F/M C11462

Polypropylene Copolymer

LyondellBasell Industries

## Message:

Hostacom CR 250 F M C11462 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 C11462 color version.

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

| General Information                                |                                   |                   |             |
|--|-----------------------------------|-------------------|-------------|
| Filler / Reinforcement                             | Talc filler, 16% filler by weight |                   |             |
| Features   | Rigid, good                       |                   |             |
|  | Copolymer                         |                   |             |
|  | Impact resistance, good           |                   |             |
|  | Good UV resistance                |                   |             |
|  | High liquidity                    |                   |             |
|  | Scratch resistance                |                   |             |
| Uses   | Car dashboard                     |                   |             |
| Appearance   | Available colors                  |                   |             |
| Forms  | Particle                          |                   |             |
| Processing Method                                  | Injection molding                 |                   |             |
| Physical   | Nominal Value                     | Unit              | Test Method |
| Density (23°C)                                     | 1.03                              | g/cm <sup>3</sup> | 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 |
| -40°C  | 2.5                               | kJ/m <sup>2</sup> | ISO 179/1eA |
| 23°C   | 35                                | kJ/m <sup>2</sup> | ISO 179/1eA |
| Notched Izod Impact                                |                                   |                   | ISO 180/1A  |
| -40°C  | 3.0                               | kJ/m <sup>2</sup> | ISO 180/1A  |
| 23°C   | 30                                | kJ/m <sup>2</sup> | ISO 180/1A  |
| Thermal  | Nominal Value                     | Unit              | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 95.0                              | °C                | ISO 75-2/B  |
| NOTE   |                                   |                   |             |
| 1.   | 1.0 mm/min                        |                   |             |

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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

