

# Hostacom TRC 427D 303612

Polypropylene

LyondellBasell Industries

## Message:

Hostacom TRC 427D 303612 is a mineral filled elastomer modified PP, with high melt flow rate.  
This grade is not intended for medical, pharmaceutical, food and drinking water applications.

| General Information                         |                       |                        |             |
|---------------------------------------------|-----------------------|------------------------|-------------|
| Filler / Reinforcement                      | Mineral filler        |                        |             |
| Features                                    | High liquidity        |                        |             |
| Uses                                        | Electrical appliances |                        |             |
| Processing Method                           | Injection molding     |                        |             |
| Physical                                    | Nominal Value         | Unit                   | Test Method |
| Density (23°C)                              | 1.13                  | g/cm <sup>3</sup>      | ISO 1183/A  |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)   | 16                    | g/10 min               | ISO 1133    |
| Melt Volume-Flow Rate (MVR) (230°C/2.16 kg) | 15.0                  | cm <sup>3</sup> /10min | ISO 1133    |
| Mechanical                                  | Nominal Value         | Unit                   | Test Method |
| Tensile Modulus (23°C)                      | 1850                  | MPa                    | ISO 527-2   |
| Tensile Stress (Yield, 23°C)                | 21.0                  | MPa                    | ISO 527-2   |
| Tensile Strain (Yield, 23°C)                | 5.5                   | %                      | ISO 527-2   |
| Flexural Modulus <sup>1</sup> (23°C)        | 1900                  | MPa                    | ISO 178/A   |
| Impact                                      | Nominal Value         | Unit                   | Test Method |
| Charpy Notched Impact Strength              |                       |                        | ISO 179/1eA |
| 0°C                                         | 4.5                   | kJ/m <sup>2</sup>      | ISO 179/1eA |
| 23°C                                        | 20                    | kJ/m <sup>2</sup>      | ISO 179/1eA |
| Charpy Unnotched Impact Strength            |                       |                        | ISO 179/1eU |
| 0°C                                         | 45                    | kJ/m <sup>2</sup>      | ISO 179/1eU |
| 23°C                                        | > 100                 | kJ/m <sup>2</sup>      | ISO 179/1eU |
| Thermal                                     | Nominal Value         | Unit                   | Test Method |
| Heat Deflection Temperature                 |                       |                        |             |
| 0.45 MPa, not annealed                      | 95.0                  | °C                     | ISO 75-2/B  |
| 1.8 MPa, not annealed                       | 50.0                  | °C                     | ISO 75-2/A  |
| Vicat Softening Temperature                 | 50.0                  | °C                     | ISO 306/B   |
| NOTE                                        |                       |                        |             |
| 1.                                          | 1.0 mm/min            |                        |             |

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