

# Hostacom TSOP EM5 D63104

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Hostacom TSOP EM5 D63104 is a high 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                   |                   |              |
|   | High Stiffness              |                   |              |
| Uses  | Automotive Applications     |                   |              |
|   | Automotive Instrument Panel |                   |              |
|   | Automotive Interior Parts   |                   |              |
|   |                             |                   |              |
| Forms   | Pellets                     |                   |              |
| 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

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

