

# Hostacom TRC704D

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

## Message:

This information has been secured during the course of product development. Both the product and its properties are subject to change before final commercialization.

Hostacom TRC704D medium high melt flow, 1,500 MPa flexural modulus, UV-stabilized thermoplastic elastomeric olefin (TEO) resin has an excellent combination of properties and processability. It was designed for applications that require excellent aesthetics and a good balance of stiffness and impact performance.

| General Information                       |                             |                   |                      |
|---|-----------------------------|-------------------|----------------------|
| Additive                                  | UV Stabilizer               |                   |                      |
| Features                                  | Good Colorability           |                   |                      |
|   | Good Moldability            |                   |                      |
|   | High Gloss                  |                   |                      |
|   | Medium Flow                 |                   |                      |
|   | Medium Rigidity             |                   |                      |
|   | Pleasing Surface Appearance |                   |                      |
|   | Scratch Resistant           |                   |                      |
| Forms                                     | Pellets                     |                   |                      |
| Physical                                  | Nominal Value               | Unit              | Test Method          |
| Density                                   | 0.910                       | g/cm <sup>3</sup> | ISO 1183             |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 16                          | g/10 min          | ASTM D1238, ISO 1133 |
| Mechanical                                | Nominal Value               | Unit              | Test Method          |
| Tensile Stress (Yield)                    | 32.0                        | MPa               | ISO 527-2            |
| Tensile Strain (Yield)                    | 8.0                         | %                 | ISO 527-2            |
| Flexural Modulus                          | 1500                        | MPa               | ISO 178              |
| Impact                                    | Nominal Value               | Unit              | Test Method          |
| Notched Izod Impact Strength              |                             |                   | ISO 180              |
| 0°C                                       | 2.0                         | kJ/m <sup>2</sup> |                      |
| 23°C                                      | 4.9                         | kJ/m <sup>2</sup> |                      |
| Thermal                                   | Nominal Value               | Unit              | Test Method          |
| Heat Deflection Temperature               |                             |                   |                      |
| 0.45 MPa, Unannealed                      | 100                         | °C                | ISO 75-2/B           |
| 1.8 MPa, Unannealed                       | 64.0                        | °C                | ISO 75-2/A           |

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

