

PONACOM PE 4405

High Density Polyethylene
Ponachem Compound GmbH

Message:

PONACOM PE 4405 is a High Density Polyethylene product. It can be processed by extrusion and is available in Europe. Primary characteristic: carbon black.

| General Information | | | |
|----------------------------------|-------------------|-------------------|-------------|
| Additive | Carbon Black (2%) | | |
| Appearance | Black | | |
| Forms | Granules | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.952 to 0.954 | g/cm ³ | ISO 1183 |
| Apparent Density | 0.46 | g/cm ³ | ISO 60 |
| Melt Mass-Flow Rate (MFR) | | | ISO 1133 |
| 190°C/2.16 kg | 0.15 to 0.25 | g/10 min | |
| 190°C/5.0 kg | 0.45 to 0.68 | g/10 min | |
| 200°C/21.6 kg | 8.0 to 12 | g/10 min | |
| Carbon Black Content | > 2.0 | % | |
| Volatile Matter - 1 hr (105°C) | < 0.035 | % | |
| Oxidation Induction Time (200°C) | > 20 | min | ISO 868 |
| Residual Moisture Content | < 300 | g/kg | ISO 15512 |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore D) | 56 to 60 | | ISO 868 |
| Thermal | Nominal Value | Unit | Test Method |
| Melting Temperature (DSC) | 134 | °C | ISO 3146 |

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



WECHAT