

HIPLEX® TR-455 natural
(PE-HD)

HIP-Petrohemija

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 0.5 | g/10min | ISO 1133 |
| Temperature | 190 | °C | - |
| Load | 5 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|---------------|-------------|----------------------|
| ISO Data | | | |
| Yield stress | 22 | MPa | ISO 527 |
| Stress at break | 30 | MPa | ISO 527 |
| Strain at break | >50 | % | ISO 527 |
| Flexural modulus, 23°C | 900 | MPa | ISO 178 |
| Shore D hardness | 64 | - | ISO 7619-1 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 945 | kg/m ³ | ISO 1183 |

Characteristics

Processing

Pipe/Tube Extrusion

Delivery form

Pellets, Natural Color

Special Characteristics

U.V. stabilized or stable to weather

Features

Thermal Stability

Chemical Resistance

Environmental Stress Crack Resistance

Regional Availability

Europe