

LyondellBasell Lupolen® 5261 Z Q 456 High Density Polyethylene, Pipe and Sheet Extrusion Grade

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Pipe Grade

Material Notes:

Lupolen 5261 Z Q 456 is a high density polyethylene (HDPE) with high melt viscosity for ram extrusion of peroxide crosslinked pipes (PE-Xa). The product is supplied as a nominal 20 mesh (840 µm) powder. It is not intended for medical or pharmaceutical applications.

Processing Method: Extrusion Pipe, Sheet and Semi Finished Products. Physical Form: Powder. Typical Customer Applications: Plumbing, Heating and Cooling. This product is from the former Equistar product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Lupolen-5261-Z-Q-456-High-Density-Polyethylene-Pipe-and-Sheet-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in ³	ASTM D1505
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength, Yield	28.3 MPa	4100 psi	2"/min; ASTM D638
Elongation at Yield	9.0 %	9.0 %	2"/min; ASTM D638
Tensile Modulus	1.31 GPa	190 ksi	1% Secant; 0.5"/min; ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	56.7 °C	134 °F	ASTM D3418
Vicat Softening Point	80.0 °C	176 °F	B/50 K/h 10N; ASTM D1525
	130 °C	266 °F	A/50 K/h 10N; ASTM D1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China