

Sibur 15803-020 Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

For production of films and film articles, including thermoset films, thin films, food contact grade films (including tight packing), general-purpose films, and bags.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sibur-15803-020-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.919 g/cc	0.0332 lb/in ³	GOST 15139
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	GOST 11645

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	11.7 MPa	1700 psi	500 mm/min; GOST 11262
Tensile Strength, Yield	9.50 MPa	1380 psi	500 mm/min; GOST 11262
Elongation at Break	600 %	600 %	500 mm/min; GOST 11262

Descriptive Properties	Value	Comments
Extractable Substances	0.4 wt%	GOST 26393
Odor and taste of aqueous extracts,	1 point	GOST 22648
Process	Film	
Region	Europe/Turkey	Bamberger Polymers Distribution

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