

THERMO PLASTIC OLEFIN

820

TPO

Description

820 is a flexible-type simply blended TPO designed for the extrusion molding.

Applications

- Extrusion products (Sheet, hose)
- General industrial products

Physical Properties	Unit	Test Method	Typical Value
MFR (230 °C, 2.16kg)	g/10min	ASTM D1238	0.75
Density	Kg/m ³	ASTM D792	870
Mechanical Properties			
Durometer A Hardness	-	ASTM D2240	79
Tensile Strength at Break	MPa	ASTM D412	4.3
Tensile Elongation at Break	%	Die C 500mm/min	350

Processing Conditions (Extrusion):

Cylinder Temperature: 170-210 °C

Die Temperature: 200-220 °C

Storage and Handling:

Avoid direct sunlight, avoid contact with eyes, avoid prolonged, repeated contact with skin and use adequate ventilation.

Regulatory Compliance:

Please visit Petro Rabigh website or contact Quality Assurance and Claim Handling Section:

Marketing&ProductDevelopmentDept.QA&CH.Section@petrorabigh.com

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Kingdom of Saudi Arabia
Petro Rabigh
Marketing & Product Development
Quality Assurance & Claim Handling Section
Tel: +966 12 425 7189
Fax: +966 12 425 8224
www.petrorabigh.com