

Iran Petrochemical (PCC) 3840 UA Medium Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , MDPE , Medium Density Polyethylene (MDPE), Rotational Molded

Material Notes:

MD3840UA is a linear medium density polyethylene (MDPE) with butene copolymer. This polymer has good impact strength, excellent external and internal surface finish, whiteness, good stress cracking resistance, UV stabilized. Applications: rotational molded items with good stiffness, septic tanks, ordinary containers. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-3840-UA-Medium-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.938 g/cc	0.0339 lb/in ³	ASTM 1505-68
Environmental Stress Crack Resistance	400 hour	400 hour	ASTM D1693
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 190 °C	4.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238-7

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength, Yield	15.0 MPa	2180 psi	ASTM D638-72
Elongation at Break	>= 900 %	>= 900 %	ASTM D638
Flexural Modulus	0.650 GPa	94.3 ksi	ASTM D790
Charpy Impact, Notched	1.80 J/cm ²	8.57 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.480 W/m-K	3.33 BTU-in/hr-ft ² - °F	ASTM D177
Vicat Softening Point	115 °C	239 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	131 °C	268 °F	

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