

Rotuba M Cellulose Acetate

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Cellulosic , Cellulose Acetate, Molded

Material Notes:

Property values at 50% RH.Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Rotuba-M-Cellulose-Acetate.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	ASTM D792
Water Absorption	2.3 %	2.3 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	55	55	ASTM D785
Tensile Strength, Ultimate	32.0 MPa	4640 psi	ASTM D638
Tensile Strength, Yield	23.0 MPa	3340 psi	ASTM D638
Elongation at Break	47 %	47 %	ASTM D638
Flexural Yield Strength	33.0 MPa	4790 psi	ASTM D790
Flexural Modulus	0.100 GPa	14.5 ksi	ASTM D790
Izod Impact, Notched	2.72 J/cm	5.10 ft-lb/in	ASTM D256
	0.640 J/cm	1.20 ft-lb/in	ASTM D256
	@Temperature -40.0 °C	@Temperature -40.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	145 °C	293 °F	Flow temperature, ASTM D569

Processing Properties	Metric	English	Comments
Processing Temperature	190 °C	374 °F	Center barrel temperature

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