

Rotuba 890 Ethyl Cellulose

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

Material Notes:

Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Rotuba-890-Ethyl-Cellulose.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ASTM D792-60T

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Ultimate	33.0 MPa	4790 psi	ASTM D638-61T
Elongation at Break	30 %	30 %	ASTM D638-61T
Izod Impact, Notched	2.40 J/cm	4.50 ft-lb/in	ASTM D256-56
	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	152 °C	306 °F	Flow temperature, ASTM D569-59
Deflection Temperature at 0.46 MPa (66 psi)	94.0 °C	201 °F	ASTM D648-56

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