

LTL Color Compounds ColorRx[®],ç PP2- 1002AF Food Grade Polypropylene Random Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

An approx. 10 melt Polypropylene random copolymer with FDA food contact approval and antimicrobial protection. All information provided by LTL Color Compounds, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorRx-PP2-1002AF-Food-Grade-Polypropylene-Random-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	11 g/10 min	11 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.9 MPa	3900 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	0.827 GPa	120 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm	1.20 ft-lb/in	ASTM D256
	@Temperature 22.8 Â°C	@Temperature 73.0 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.6 Â°C	195 Â°F	(0.250"); ASTM D648

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