

TOTAL Polypropylene PPR Z9450

Polypropylene Random Copolymer

TOTAL Refining & Chemicals

Message:

TOTAL Polypropylene Z9450 is a low melting, high ethylene random copolymer with improved color, optics and impact properties. The very low melting point of Z9450 makes it an excellent heat seal layer for oriented films. Z9450 is recommended for use in non-oriented film processes for manufacture of packaging films that require improved optical and impact properties and as a heat seal layer for oriented films. Z9450 is recommended for use in non-oriented film processes for manufacture of packaging films that require improved optical and impact properties and as a heat seal layer for oriented films.

General Information			
Features	Optical		
	Impact resistance, good		
Uses	Packaging		
	Films		
	Directional film		
	Medical/nursing supplies		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Film extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus - 1% Secant, MD	345	MPa	ASTM D882
Tensile Strength - MD (Break)	17.2	MPa	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	129	°C	DSC
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	85		ASTM D2457
Haze	2.0	%	ASTM D1003
Additional Information			
Dart Impact, ASTM D1709: 270 g/milHeat Seal Temperature: 234°F WVTR, ASTM F1249, 100°F, 90% RH: 1.2 g/100 in ² /24 hrs/mil			

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Recommended distributors for this material

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