TOTAL Polypropylene PPR 8573

Polypropylene Random Copolymer

TOTAL Refining & Chemicals

Message:

TOTAL Polypropylene 8573 is a low melting, high ethylene random copolymer with improved color, optics and impact properties.
The low melting point of TOTAL Polypropylene 8573 makes it a very good heat seal layer for oriented films.
TOTAL Polypropylene 8573 is available with custom slip and antiblock packages.
TOTAL Polypropylene 8573 has passed USP Class VI testing, and all ingredients meet the chemical registration requirements of TSCA (U.S.) and DSL (Canada). TOTAL Polypropylene 8573 complies with all applicable FDA regulations for food contact applications.
TOTAL Polypropylene 8573 is recommended for use in non- oriented cast 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 Compliance of Food Exposure		
Uses	Packaging Directional film cast film		
Agency Ratings	EC 1907/2006 (REACH) FDA Food Exposure, Not Rated USP Class VI		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	cast film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.895	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.8	g/10 min	ASTM D1238
Films	**Nominal Value**	**Unit**	**Test Method**
Secant Modulus - 1% Secant, MD	483	MPa	ASTM D882
Tensile Strength - MD (Break)	20.7	MPa	ASTM D882
Tensile Elongation - MD (Break)	500	%	ASTM D882
Water Vapor Transmission	14	g/m²/24 hr	ASTM E96
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature	135	°C	DSC
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (45°)	85		ASTM D2457
Haze	2.0	%	ASTM D1003

Additional Information

Heat Seal Temperature: 244°FMVTR, ASTM E96, 100°F, 90% RH: 0.9 g/100in^2/day

Recommended distributors for this material

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