

TOTAL Polypropylene PPH 3273

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

Low Residuals. TOTAL Polypropylene 3273 utilizes the new TOTAL Polypropylene proprietary process technology to provide extremely low residuals for improved color stability and clarity.

FDA. TOTAL Polypropylene 3273 complies with all application FDA regulations for food contact applications.

Recommended Applications. TOTAL Polypropylene 3273 is recommended in orientation processes for manufacture of packaging tapes and films.

Processing. TOTAL Polypropylene 3273 resin processes on oriented film extrusion equipment with typical melt temperatures of 450°F-525°F (232°C-274°C). Call the nearest TOTAL Polypropylene Sales office for additional information.

General Information			
Features	Food Contact Acceptable		
	Good Color Stability		
	High Clarity		
	Highly Crystalline		
	Homopolymer		
	Low Flow		
Uses	Film		
	Tape		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD : Tenter-frame Oriented Film	2760	MPa	
TD : Tenter-frame Oriented Film	4730	MPa	
Tensile Strength			ASTM D882
MD : Break,Tenter-frame Oriented Film	165	MPa	
TD : Break,Tenter-frame Oriented Film	262	MPa	
Tensile Elongation			ASTM D882
MD : Break,Tenter-frame Oriented Film	150	%	
TD : Break,Tenter-frame Oriented Film	60	%	

Water Vapor Transmission Rate (38°C, 90% RH)	3.9	g/m ² /24 hr	ASTM F1249
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	163	°C	DSC
Optical	Nominal Value	Unit	Test Method
Gloss (45°, Tenter-frame Oriented Film)	85		ASTM D2457
Haze (Tenter-frame Oriented Film)	1.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	232 to 274	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

