

POLIMAXX 3375SM

Polypropylene Random Copolymer

IRPC Public Company Limited

Message:

3375SM is a Random Copolymer Polypropylene resin for extrusion coating with high flow characteristic. It is suitable for extrusion coating for woven bag and tarpaulins with good extrusion ability, good adhesive and high speed. It also meets the F.D.A. requirement in the code of federal regulations in 21 CFR 177.1520 for food contact.

General Information			
Features	Food Contact Acceptable		
	Good Adhesion		
	Good Processability		
	High Flow		
	Random Copolymer		
Uses	Coating Applications		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	86		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.0	MPa	ASTM D638
Tensile Elongation (Yield)	36	%	ASTM D638
Flexural Modulus - 1% Secant	750	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	76.0	°C	ASTM D648
Extrusion	Nominal Value	Unit	
Melt Temperature	25.0 to 280	°C	

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