

POLIMAXX 1175SM

Polypropylene Homopolymer

IRPC Public Company Limited

Message:

1175SM is a Homo polymer Polypropylene for extrusion coating. It is suitable for coating woven bags and tarpaulins. It also meets the F.D.A. requirement in the code of federal regulations in 21CFR 177.1520

General Information			
Features	Food Contact Acceptable		
	Good Adhesion		
	Good Processability		
	Homopolymer		
	Low Neck-In		
	Medium Clarity		
Uses	Bags		
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
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Flexural Modulus - 1% Secant	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.0	kJ/m ²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648
Extrusion	Nominal Value	Unit	
Melt Temperature	180 to 240	°C	

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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

