

POLIMAXX 5175SM

Polypropylene Copolymer
IRPC Public Company Limited

Message:

5175SM is a Copolymer 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	Copolymer		
	Compliance of Food Exposure		
Uses	Coating application		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS compliance		
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, 23°C)	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/m²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648
Injection	Nominal Value	Unit	Test Method
Processing (Melt) Temp	180 - 240	°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



WECHAT