

POLIMAXX 2500TC

Polypropylene Impact Copolymer

IRPC Public Company Limited

Message:

2500TC is a Polypropylene Block Copolymer resin for injection molding process with high flow characteristic. It is especially designed for production of thin wall part that need short cycle time. Typical applications are container. 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	Block Copolymer		
	Fast Molding Cycle		
	Food Contact Acceptable		
	High Flow		
Uses	Containers		
	Thin-walled Parts		
Agency Ratings		FDA 21 CFR 177.1520	
RoHS Compliance		RoHS Compliant	
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	45	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	87		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.0	MPa	ASTM D638
Tensile Elongation (Yield)	16	%	ASTM D638
Flexural Modulus - 1% Secant	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.2	kJ/m²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 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

