

Qenos PP PPW 1780

Polypropylene Homopolymer

Qenos Pty Ltd

Message:

PPW 1780 is an ultra high flow, low distortion grade of Polypropylene homopolymer with high flow and high stiffness.
PPW 1780 is intended for the production of thin walled food containers yielding high clarity and stiffness. Suitability for use in any application should be determined by appropriate performance testing.
PPW 1780 is suitable for food contact applications and conforms to the requirements of AS2070-1999, Plastics Materials for Food Contact Use.

General Information			
Features	Food Contact Acceptable		
	High Clarity		
	High Flow		
	High Stiffness		
	Homopolymer		
	Low Warpage		
Uses	Food Containers		
	Thin-walled Containers		
Agency Ratings	AS 2070-1999		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.903	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	48	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	38.0	MPa	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256A

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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

