Osterlene® PPC50-1.6NA

Polypropylene Impact Copolymer

Osterman & Company

Message:

PPC50-1.6NA is a very high melt flow, medium impact polypropylene copolymer resin, designed for injection molding applications requiring a good balance of properties with faster cycling capability.
Suggested uses for PPC50-1.6NA include housewares.
Osterlene PPC50-1.6NA meets the requirements of the Food and Drug Administration, 21 CFR Section 177.1520. This regulation allows the use of this olefin polymer in "...articles or components of articles intended for use in contact with food." Specific limitations may apply. Contact your Osterman sales representative for more information.

General Information			
Features	Impact copolymer High liquidity Compliance of Food Exposure Medium impact resistance		
Uses	Household goods		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	50	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Yield)	24.1	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant [2]	1240	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	85	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	108	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	1.0 mm/min		

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