

# POLIMAXX 2440VC

Polypropylene Copolymer  
IRPC Public Company Limited

Message:

2440VC is a Polypropylene Block Co polymer resin for injection molding with high flow and good stiffness characteristic. It is suitable for the production of long path and thin wall. Typical applications are house-ware, food container, Thin wall 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		
	High liquidity		
	Compliance of Food Exposure		
Uses	Thin wall container		
	Household goods		
	Container		
	Food container		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	90	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	96		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-20°C)	26	J/m	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	125	°C	ASTM D648
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 - 240	°C	

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