Jampilen RP240G
Random Copolymer

Description:

″Jampilen RP240G″ is a clear polypropylene random copolymer particularly suited for blow molding applications and single or multi-layer sheet extrusion. The product imparts excellent clarity and gloss that may be further enhanced through orientation processes (i.e. injection stretch blow molding.) Due to these properties, ″Jampilen RP240G″ is a candidate to replace PVC in blow molding, sheet extrusion and thermoforming applications.
″Jampilen RP240G″ is suitable for food contact and for medical application.

Processing Method:

Blow molding
Extrusion (Sheet)

Features:

Excellent clarity
Excellent gloss
Random copolymer

Typical Applications:

Bottles for detergents and toiletries, flat mineral water, fresh fruit juice and concentrates
Jars for condiments and preserves
Stationery folders
Thermoforming articles such as trays for fresh pasta, sweets or biscuits, fruit and vegetable containers and pots for dairy products

Approval:

Food, Medical

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 ^{o}C, 2.16kg)	1.8	g/10min	ASTM D1238
Density	0.9	g/cm^3	ASTM D1505
Mechanical			
Flexural Modulus	1050	MPa	ASTM D790
Tensile Strength at Yield	28	MPa	ASTM D638
Tensile Elongation at Yield	13	%	ASTM D638
Izod Impact Strength (notched) at 23 ^{o}C	120	J/m	ASTM D256
Rockwell Hardness	85	R Scale	ASTM D785
Thermal			
Vicat softening point (10N)	132	^{o}C	ASTM D1525
H.D.T. (0.46 Mpa)	82	^{o}C	ASTM D648
Accelerated oven ageing in air at 150 ^{o}C	360	hours	ASTM D3012
Optical			
Haze	15	%	ASTM D1003
Gloss	78	----	ASTM D2457