

POLIMAXX 308PC

IRPC Public Company Limited - Acrylonitrile Styrene Acrylate + SAN

General Information

Product Description

308PC is a high chemical grade of acrylonitrile styrene resin for injection molding with natural color and clarity.

Injection Molding: Lighter

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Good Clarity		
Appearance	• Clear/Transparent	• Natural Color	
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	117000	psi	ASTM D638
Flexural Modulus (73°F)	555000	psi	ASTM D790
Flexural Strength (73°F)	19800	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.62	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	87		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed, 0.250 in)	190	°F	ASTM D648
Vicat Softening Temperature ²	226	°F	ASTM D1525

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176 to 185	°F
Drying Time	2.0 to 3.0	hr
Processing (Melt) Temp	410 to 500	°F

Notes

¹ Typical properties: these are not to be construed as specifications.

² 1/8", 1 kg

