

POLIMAXX 149PC

IRPC Public Company Limited - *Acrylonitrile Styrene Acrylate + SAN*

General Information

Product Description

149PC is a high flow grade of acrylonitrile styrene resin with slightly blue color and clarity appearance.

Typical application:

Injection Molding : Packaging, Electrical appliances, Household products (sanitary ware)

General

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • North America
Features	• High Flow
Uses	• Appliances • Packaging • Sanitary Products
Appearance	• Clear - Blue Tint
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9960	psi	ASTM D638
Flexural Modulus	498000	psi	ASTM D790
Flexural Strength	15600	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.55	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	221	°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.

