

POLIMAXX BC03BS

IRPC Public Company Limited - *Polypropylene Impact Copolymer*

General Information

Product Description

BC03BS is an Impact Copolymer Polypropylene (ICP PP), which has high rubber content, anti-static additive filled, and high melt flow index for using in injection molding process. It features high flow-ability, and high impact resistant at low temperature.

TYPICAL APPLICATION:

Injection Molding: Automotive, appliances, Car pillar & trim, TV back cover

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Antistatic • High Flow	• Impact Copolymer • Low Temperature Impact Resistance	
Uses	• Appliances	• Automotive Applications	• Television Housings
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3770	psi	ASTM D638
Tensile Elongation (Yield)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant	174000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-4°F)	1.0	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	221	°F	ASTM D648

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	374 to 464	°F

