

## POLIMAXX BC03BSW

IRPC Public Company Limited - Polypropylene Impact Copolymer

### General Information

#### Product Description

BC03BSW is an Impact Copolymer Polypropylene (ICP PP), with high rubber content, UV stabilizer and anti-static additive filled. It is high melt flow index for using in injection molding process. It features high flow-ability, anti-static, UV stabilized 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
Additive	• Antistatic	• UV Stabilizer	
Features	• Antistatic • High Flow	• Impact Copolymer • Low Temperature Impact Resistance	• UV Stabilized
Uses	• Appliances	• Automotive Applications	• Television Housings
Processing Method	• Injection Molding		

### Properties <sup>1</sup>

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

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

