

BSR™ I3110
Polypropylene Homopolymer
BinhSon Refining & Petrochemical Co.,Ltd



General

Material Status	. Comercial: Active	
Availability	. Asia Pacific	
Features	. High Flow	. Homolymer
Uses	. Closures	. General Purpose
	. Food Containers	. Household Goods
Forms	. Pellets	
Processing Method	. Injection Molding	

Physical Nominal Value Unit Test Method

Density	0.91 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230 ⁰ C/2.16kg)	11 g/10min	ASTM D1238

Hardness Nominal Value Unit Test Method

Rockwell Hardness (R-Scale)	100	ASTM D785
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Mechanical Nominal Value Unit Test Method

Tensile Strength		ASTM D638
Yield	380 kgf/cm ²	
Break	24.5 MPa	
Flexural Modulus	15.500 kgf/cm ²	ASTM D790

Impact Nominal Value Unit Test Method

Notched Izod Impact (23 ⁰ C)	2 kg.cm/cm	ASTM D256
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Thermal Nominal Value Unit Test Method

Deflection Temperature under load 0.45 Mpa	98 °C	ASTM D1525
Viscat softening point 66psi	157 °C	ASTM D648

Notes

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