

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

Hardness	Nominal Value Unit	Test Method
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Rockwell Hardness (R-Scale)	100	ASTM D785
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Mechanical	Nominal Value Unit	Test Method
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Tensile Strength		ASTM D638
Yield	38 MPa	
Break	24.5 MPa	

Flexural Modulus	1600 MPa	ASTM D790
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Impact	Nominal Value Unit	Test Method
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Notched Izod Impact (23 <sup>o</sup> C)	24 J/m	ASTM D256
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Thermal	Nominal Value Unit	Test Method
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Deflection Temperature under load 0.45 Mpa	98 °C	ASTM D1525
Viscat softening point 66psi	157 °C	ASTM D648

## Notes

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