

BSR™ I3110

Polypropylene Homopolymer

General

Material Status	. Comercial: Active
Availability	. Asia Pacific
Features	. High Flow . Homopolymer
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 ^o C/2.16kg)	11 g/10min	ASTM D1238
Hardness	Nominal Value Unit	Test Method
Rockwell Hardness (R-Scale)	100	ASTM D785
Mechanical	Nominal Value Unit	Test Method
Tensile Strength		ASTM D638
Yield	38 MPa	
Break	24.5 MPa	
Flexural Modulus	1600 MPa	ASTM D790
Impact	Nominal Value Unit	Test Method
Notched Izod Impact (23 ^o C)	24 J/m	ASTM D256
Thermal	Nominal Value Unit	Test Method
Deflection Temperature under load 0.45 Mpa	98 ^o C	ASTM D1525
Viscat softening point 66psi	157 ^o C	ASTM D648

Notes

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