



HIVAL® 5112

Ashland Inc.-General Purpose Polystyrene

Tuesday, 28 December 2010

General Information

General

Material Status	• Commercial:Active
Availability	• North america
Features	• Crystal
Uses	• General purpose
Forms	• Pellets

ASTM and ISO properties¹

Physical	Nominal	Value	Unit	Test Method
Specific gravity		1.05		ASTM D792
Melt mass-flow rate(MFR)(200°C/50.kg)		8.0	g/10min	ASTM D1238
Mechanical	Nominal	Value	Unit	Test Method
Tensile Strength(Yield)		6450	psi	ASTM D638
Flexural Modulus		413000	psi	ASTM D790
Impact	Nominal	Value	Unit	Test method
Notched izod impact		0.3	ft-lb/in	ASTM D256

Notes

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