

HDPE 52511 Technical Datasheet

Product Description:

52511 is a HDPE copolymer injection molding grade for applications requiring a good balance between physical properties and flowability, like housewares and toys.

Features:

Resin properties	Unit	Typical values	ASTM Method
Melt Index	(g/10')	11	
Density	(g/ml)	0.9520	
Physical properties @			
Flexural modulus	(MPa)	1320	D 790
Notched Izod impact at 23°C	(J/m)	32	D 256/A
Vicat softening point	(°C)	122	D 1525
@ On compression molded specimen obtained according to ASTM D 1928 C			
Fabrication conditions for injection molding			
Recommended barrel temperatures range between 190 and 280°C.			

Applications:

Injection molding grade, Houseware



📍 Unit 302, Sheydayee BLD, Sazman AB, Tehranpars

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