



BAPOLAN[®]

POLYSTYRENE BAPOLAN[®] 6409 INJECTION MOLDING

Description: Bapolan[®] 6409 is *high impact* resin designed for injection molding applications requiring superior impact and gloss. It complies with US FDA 21 CFR 177.1640 and 94HB UL rating.

Application: General purpose.

Values reported are typical and should not be interpreted as specification.

All data are based on molded plaques.

GENERAL PROPERTIES	NOMINAL VALUE	ASTM TEST METHOD
Melt Index ¹ , g/10 min.	9.0	D-1238
HDT _{66 psi (0.45 MPa)} , °F (°C)	189 (87)	D-648
PROPERTIES		
Tensile Strength @ Yield, psi (MPa)	3,000 (21)	D-638
Elongation @ Yield, %	52	D-638
Flexural Modulus _{1% Secant} , psi (MPa)	300,000 (2,068)	D-790A
IZOD _{Notched @ 23°C} , ft-lb _i /in (J/m)	2.5 (134)	D-256

¹ 200°C/ 5,000 g

THIS PRODUCT DATA SHEET EFFECTIVE JUNE 2009 SUPERSEDES ALL DATA PREVIOUSLY PUBLISHED

BAMBERGER POLYMERS

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