



BAPOLENE®

LOW DENSITY POLYETHYLENE BAPOLENE® 1052 INJECTION MOLDING

Description: Bapolene® 1052 is a low density polyethylene for general purpose injection molding, extrusion and certain lamination and coating applications which offers superior low temperature impact and stress crack resistance. It complies with US FDA 21CFR177.1520.

Application: General purpose, food packaging, housewares, closures and lamination.

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.	8.0	D-1238
Density, g/cm ³	0.920	D-4883
PROPERTIES		
Tensile Strength @ Break, psi (MPa)	1,365 (9)	D-638
Elongation @ Break, %	400	D-638
Flexural Modulus ^{2%} Secant, psi (MPa)	30,000 (207)	D-790
Hardness	D-40	D-746

¹ 190°C/2,160 g

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

BAMBERGER POLYMERS

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