



# BAPOLAN<sup>®</sup>

## POLYSTYRENE BAPOLAN<sup>®</sup> 6403 EXTRUSION

**Description:** Bapolan<sup>®</sup> 6403 is a high impact polystyrene resin designed for extrusion-thermoforming applications. It complies with US FDA 21 CFR 177.1640 and 94HB UL rating.

**Application:** General purpose, housewares, and housings.

*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 <sup>1</sup> , g/10 min.	3.0	D-1238
HDT <sub>66</sub> psi (0.45 MPa), °F (°C)	200 (93)	D-648
<b>PROPERTIES</b>		
Tensile Strength @ Yield, psi (MPa)	3,550 (25)	D-638
Elongation @ Yield, %	47	D-638
Flexural Modulus <sub>1% Secant</sub> , psi (MPa)	320,000 (2,206)	D-790A
IZOD <sub>Notched @ 23°C</sub> , ft-lb <sub>i</sub> /in (J/m)	2.0 (107)	D-256

<sup>1</sup> 200°C/ 5,000 g

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

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