

UV Stable Black Co-Polymer Plastic

Description:

This material is designed for extrusion applications requiring high melt strength and excellent toughness. It has passed USP Class VI testing. It has a UL yellow card flame rating of UL94HB. 395219 features good heat aging resistance, good impact resistance, low temperature impact resistance, good melt strength and good stiffness.

Typical Physical Properties

Specification	Test Method	Typical Results
Density – Specific Gravity (Method B)	ASTM D 792	0.902 sp gr 23/23°C
Melt Flow Rate (230°C/2.16 kg)	ASTM D 1238	0.450 g/10min
Tensile Strength @ yield (2 in/min)	ASTM D 638	4000 psi
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A)	ASTM D 790	160,000 psi
Elongation @ yield	ASTM D 638	11%
Notched Izod Impact <i>73°F, Method A</i>	ASTM D 256	No Break ft-lb/in
Rockwell Hardness (R-Scale)	ASTM D 785	80
DTUL @ 66psi – Unannealed	ASTM D 648	87.8°C
Automotive Specifications Diamler Chrysler Ford Motor Company General Motors		MS-DB500 CPN4002 ESA-M4D281-A, Wss-M4D932-A1 GMP.PP.021

THE VALUES PRESENTED ARE TYPICAL AND ARE NOT INTENDED FOR SPECIFICATION PURPOSES. This information is provided without warrant, representation, inducement or license of any kind. INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE, except that is accurate to the best of MILCUT, INC. knowledge or obtained from sources believed by MILCUT, INC. to be accurate, and MILCUT, INC. does not assume any legal responsibility for the use or reliance upon same. Customers are encouraged to conduct their own tests for suitability and conformance.