



3501 East La Palma Avenue - Anaheim, California 92806

Ph: 714-666-0108 and 714-666-0109

Fax: 714-666-0110

[www.weisrobart.com](http://www.weisrobart.com)

## WEIS/POLY H.D.P.E. TECHNICAL DATA

### ASTM TEST STANDARDS RESULTS

<u>PROPERTY</u>	<u>VALUE</u>	<u>UNITS</u>	<u>ASTM TEST METHOD</u>
DENSITY	0.96+	g/cc	D-1505
TENSILE YIELD	4400	psi	D 638
ELONGATION	> 600	%	
IZOD IMPACT	7.0	ft-lb/in of notch	D 256
TENSILE IMPACT	120	ft-lb/in <sup>2</sup>	D 1822
BRISTLENESS			
TEMPERATURE	<-76	°C	D 746
HARNESS	68	Shore D	D 2240
FLEXURAL			
MODULUS	220.000	psi	D 256

<u>TEST</u>	<u>STANDARD</u>	<u>RESULTS</u>	<u>ASTM METHOD</u>
SELF-IGNITION	650°F	700°F	D 1929-77
RATE OF BURN	2.0 cm/min	1.29 cm/min	D 635-81
SMOKE DENSITY	<75	13.9	D 2843