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Polystone® M Virgin Black Data Sheet

Polystone® M Virgin, Black HCL, Ultra High Weight Polyethylene (UHMW-PE) is produced by compression molding.

PRODUCT PARAMETER	Value	Units	ASTM
Density (high carbon)	0.955	g/cm ³	calculated
Yield Tensile Strength	3,100	psi	D638
Ultimate Tensile Strength	7,000	psi	D638
Ultimate Elongation	>350	%	D628
Shore D Hardness	60	-	D2240
Vicat Softening Point	176	°F	D1525
Linear Thermal Expansion	1.1 x 10 ⁻⁴	°F ⁻¹	D696
Surface Resistivity	Less than equal to 10 ⁵	Ohms/sq	Internal

The product parameters are based on virgin, natural resin.
The material meets the requirements of ASTM D4020.

The above product parameters are to be considered typical product parameters and are not intended to be considered product specifications.

The Material Safety Data Sheet (MSDS) is available at www.roechling-plastics.us

www.roechling-plastics.us



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