

Technical data sheet

Polystone® G (HDPE) Black Utility

Physical Properties	tested method	unit	value
Density	D4883	g/cc	0.95 - 0.96
Mechanical Properties	tested method	unit	value
Hardness	D785	Shore D	65
Tensile Strength at yield (2 in/min)	D638	psi	3,000
Elongation at Break	D638	%	≥500
Izod Impact, Notched	D256	ft-lb/in	3.0
Tensile Impact Strength	D1822	ft-lb/in ²	100
Thermal Properties	tested method	unit	value
Melt Index	D1238	g/min	0.35/10
Deflection Temperature at (66psi)	D648	°F	165
Vicat Softening Point	D1525	°F	268
Brittleness Temperature	D746	°F	-103

The data stated above are average values ascertained by statistical tests on a regular basis. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale.