

Technical Data Sheet

Polystone[®] G Utility black - ASTM

PE-HD / PE 300

Typical industries

- Chemical Processing Industry
- Mechanical Engineering Industry
- Building industry
- Aquafarming
- Drinking & Waste Water Technology
- Chemical storage tanks

	Test method	Unit	Guideline value
General properties			
Density	ASTM D792	g / cm ³	0.95-0.96
Mechanical properties			
Tensile Strength at Yield	ASTM D638	psi	3000
Hardness	ASTM D2240	Shore D	65
Tensile Modulus	ASTM D638	psi	150000
Tensile Elongation	ASTM D638	%	>500
Izod Impact, Notched	ASTM D256	ft-lb/in	3
Thermal properties			
Vicat Softening Point	ISO306	°F	268
Brittleness Temperature	ASTM D746	°F	-103
Compliance properties			
ASTM Approval			D-4976

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