

Technical Data Sheet

Polystone[®] Medium Duty dump bed liner

PE-HD / PE 500

Typical characteristics

- Good mechanical properties
- Good sliding properties
- UV-resistant

Typical industries

- Heavy-Duty Truck Products

	Test method	Unit	Guideline value
General properties			
Specific Gravity	ASTM D792	g / cm ³	0.94
Mechanical properties			
Tensile Strength at Yield	ASTM D638	psi	3625
Hardness	ASTM D785	Shore D	63-69
Tensile Elongation	ASTM D638	%	600
Flexural Modulus	ASTM D790	psi	150000
Izod Impact, Notched	ASTM D256	ft-lb/in	9.0
Thermal properties			
CTE, linear	ASTM D696	1/K	1.9x10 ⁻⁴
Melting Point		°F	275-280
Continuous Service Temperature, Air		°F	180

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.

ri-inquiry@roechling.com • www.roechling.com/industrial/materials

Print: 04/06/2026 • Release: 20/08/2025 • Version: 3.0
 PIM-ID: 717990 • PIM-Code: 55-20-17.223.15-6-2
 Company-IDs: 23070

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