

Technical Data Sheet

Polystone[®] G Cut-Rite 51 - ASTM

PE-HD / PE 300

Typical characteristics

- Easy-care
- FDA compliant
- Suitable for food preparation areas

Typical industries

- Food Industry
- Bakery and Confectionery
- Meat, Fish and Poultry Processing

	Test method	Unit	Guideline value
General properties			
Density	ASTM D792	g / cm ³	0.955
Carbon Black Content	ISO6964	%	n/a
Mechanical properties			
Tensile Strength at Yield	ASTM D638	psi	4000
Izod Impact, Notched	ASTM D256	ft-lb/in	3.5
Thermal properties			
Coefficient of Linear Thermal Expansion	ASTM D696	in/in/°F x10 ⁻⁵	6
Maximum Service Temperature, Air		°F	180
Flammability, UL94		1/8 inch	HB
Compliance properties			
FDA			Yes
NSF			Yes
USDA			Yes
ASTM Approval			D-4976

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

