

Product information

Duro-Glide[®] #16 Pink

Duro-Glide[®] # 16 Pink is a UHMW polymer composition that exhibits a low coefficient of friction and very high impact strength. In addition, this material retains many key properties to -31°F/ -35°C. The bright color acts as a visual aid in identifying key machine components.

FDA Status : Does not comply

Color: Pink #16

Applications: Filling Machine Change Parts
Machine Components
Conveyors

Physical Properties Data Sheet

Duro-Glide[®] #16 Pink

(UHMW – PE)

Typical Physical properties

Physical Properties	Method	SI Unit	SI Value
Density	ASTM D792	g/cc	0.93
Abrasion (Sand-Slurry-Test rel. to GUR 4120 = 100%)	ISO 15527	% (Average)	100
Notched impact strength	ISO 11542-2	mJ/mm ² kJ/m ²	100
Tensile strength, yield	ASTM D638	psi	5200
Break elongation	ASTM D638	%	290
Coefficient of friction, ASTM 1894 metal= Rz 2,5 μ, Pm= 2 N/mm ² , V= 150 mm/min	Static Dynamic	μ	0.18
		μ	0.13
Shore-hardness, 3-s-value 6mm plate	ASTM D2240	D	65
Water absorption	---	%	< 0.1 (Nil)
Flammability	UL 94	---	HB
Thermal Properties			
Melt temperature	ASTM 3417 (DSC)	°F	275 – 278
		°C	135 – 137
Operation temp., max.		°F	180
		°C	82
Coefficient of linear expansion	ASTM D696	73 – 176 °F	≈ 1.1x10 ⁻⁴ /°F
Electrical Properties			
Surface resistivity	ASTM D257	Ohm	10 ¹⁴ 10 ¹⁴
Volume resistivity	ASTM D257	Ohm-cm	10 ¹⁴ 10 ¹⁴

Any suggestions or recommendations for the use of our products are based on tests believed to be reliable and on the independent judgment of our technicians. However, it is ultimately up to the Customer/End User to determine whether the product(s) provided by TSE-OK, LLC are suitable for the intended purpose or application. TSE-OK, LLC makes no warranty of fitness for a particular purpose, nor does it guarantee the results to be obtained. Nothing in this literature is intended as a recommendation to use our products so as to infringe on any patent.

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