

PROPERTY INFORMATION

KOLON INDUSTRIES INC

KOPEL[®]

POLYESTER ELASTOMER RESIN

KP3340

GENERAL GRADE 40D

PROPERTY	ASTM METHOD	UNIT			VALUE		
MISCELLANEOUS							
SPECIFIC GRAVITY	D792				1.15		
HARDNESS, DUROMETER	D2240	D-TYPE			40		
MELT INDEX 446°F (230°C)	D1238	g / 10 min			12		
WATER ABSORPTION	D570	%			0.7		
MOLD SHRINKAGE	D955	%			1		
THERMAL							
MELTING POINT	DSC	°C	°F	170	338		
HEAT DISTORTION TEMPERATURE	D648						
4.6kg.f/cm ³ (0.46 Mpa)		°C	°F	65	149		
SOLENOID BRITTLE POINT	D746	°C	°F	< -70	< -94		
FLAMMABILITY	UL94				HB		
MECHANICAL							
TENSILE STRENGTH 73°F (23°C)	D638	kgf/cm ²	Mpa	psi	250	25	3,555
TENSILE ELOGATION 73°F (23°C)	D638	%			850		
FLEXURAL MODULUS 73°F (23°C)	D790	kgf/cm ²	Mpa	psi	500	49	7,110
IZOD NOTCHED IMPACT STRENGTH	D256						
		73°F (23°C)	kgcm/cm	J/m	ft.lb/in	N/B ¹⁾	N/B
-40°F (-40°C)		kgcm/cm	J/m	ft.lb/in	N/B	N/B	N/B
ABRASION RESISTANCE CS-17 WHEEL	D1044	mg / 10 ³ cycles			3.0		
RESILIENCE		%			67		

1) N/B : NOT BREAKBLE

The information provided on our present state of knowledge and is estimated by Kolon Industries Inc. The listed values should be used for referential purposed only. This information should not be used as guranteed specification limits.

Kolon industries Inc assumes no warranty, no obligations or liability of, express or implied aas to the accuracy or compeltteness thereof, or any other nature regarding designs, products, or information may be used without infringing the intellectual property rights of others. All such advice is given and accepted at buyer's risk.

API- KOLON
Engineering Plastics

333 Enterprise Parkway • Lake Zurich • IL • 60047 • USA

Phone: 1-847-550-5556 Fax: 1-847-550-5557

Email: MaxHahn21@hotmail.com