

Kraiburg TPE THERMOLAST® K TC6MLB Thermoplastic Elastomer, Adhesion to PC, ABS (Unverified Data**)

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic TPE

Material Notes:

Typical Markets / Application Sectors:Automotive InteriorAutomotive ChassisElectrics & ElectronicsConsumer ElectronicsIndustrial AppliancesApplication Examples:SealsCoveringsDesign and Functional ElementsStop ButtonDoor SillMoulded-on SealingPush ButtonsRotary KnobsControl ButtonsCup HolderMaterial Advantages:For co moulded parts without patent infringementGood flow characteristicsExcellent adhesion even with soft compoundsUL 94 HB listed compounds availableGood weather resistant for black compoundsExcellent adhesion in coinjection moulding (depending on geometry and processing)Insert moulding is possibleNatural compounds easy to colourTactile surface (soft touch)Wide range of hardness availableAdhesion to PC, ABSInformation Provided by Kraiburg TPE Corp.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraiburg-TPE-THERMOLAST-K-TC6MLB-Thermoplastic-Elastomer-Adhesion-to-PC-ABS-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	DIN EN ISO 1183-1:2004

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	DIN 53505 / ISO 868
Tensile Strength at Break	4.20 MPa	609 psi	Deviating from ISO 37 standard test piece S2 is tested with a traverse speed of 200 mm/min; DIN 53504 / ISO 37
Elongation at Break	530 %	530 %	Deviating from ISO 37 standard test piece S2 is tested with a traverse speed of 200 mm/min; DIN 53504 / ISO 37
Peel Strength	1.50 kN/m	8.56 pli	to PBT; Renault test D41 1916
	4.00 kN/m	22.8 pli	to ABS; Renault test D41 1916
	6.00 kN/m	34.2 pli	to PC; Renault test D41 1916
Graves Tear Strength	15.0 kN/m	85.6 pli	DIN ISO 34-1 Method B (b)

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB	HB	

Processing Properties	Metric	English	Comments
Processing Temperature	180 - 240 °C	356 - 464 °F	adhesion to engineering thermoplastics

Processing Properties	Metric	English	Comments
Drying Temperature	60.0 - 80.0 °C @Time 7200 - 14400 sec	140 - 176 °F @Time 2.00 - 4.00 hour	Pre drying

Descriptive Properties	Value	Comments
Color	Natural	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China