

K-Flex 3070

Thermoplastic Elastomer

Technovinyl Polymers India Ltd.

Message:

K-Flex 3070 is a Thermoplastic Elastomer (TPE) material. It is available in Africa & Middle East.

Important attributes of K-Flex 3070 are:

Chemical Resistant

Crosslinkable

Heat Resistant

Wear Resistant

Typical application of K-Flex 3070: Wire & Cable

General Information			
Features	Acid Resistant		
	Alkali Resistant		
	Crosslinkable		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	High Heat Resistance		
	Oil Resistant		
Uses	Cable Jacketing		
Appearance	Matte Finish		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	62 to 72		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 8.00	MPa	ASTM D412
Tensile Elongation (Break)	> 400	%	ASTM D412
Compression Set			ASTM D395
23°C	48	%	
70°C	59	%	
100°C	72	%	
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (100°C, 168 hr)	-10	%	ASTM D573
Change in Ultimate Elongation in Air (100°C, 168 hr)	-20	%	ASTM D573
Change in Tensile Strength (100°C, 168 hr, in Oil)	-35	%	ASTM D471
Change in Ultimate Elongation (100°C, 168 hr, in Oil)	-40	%	ASTM D471

Thermal	Nominal Value	Unit
Service Temperature	-20 to 100	°C
Extrusion	Nominal Value	Unit
Melt Temperature	140 to 170	°C

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Recommended distributors for this material

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