

K-Flex 3055

Polyvinyl Chloride Elastomer
Technovinyl Polymers India Ltd.

Message:

K-Flex 3055 is a Polyvinyl Chloride Elastomer (PVC Elastomer) material. It is available in Africa & Middle East.
Important attributes of K-Flex 3055 are:
Chemical Resistant
Antistatic
Good Flexibility
Heat Resistant
Impact Modified
Typical applications include:
Consumer Goods
Safety Equipment

General Information	
Additive	Antistatic
	Rubber
Features	Acid Resistant
	Alkali Resistant
	Antistatic
	Good Abrasion Resistance
	Good Chemical Resistance
	High Heat Resistance
	Low Temperature Flexibility
	Oil Resistant
Uses	Footwear
	Safety Equipment
Agency Ratings	BS 6159
	DIN 4843

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14 to 1.16	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	110	mm ³	DIN 53516
Electrical Resistivity	7.5E+7	ohms	DIN 4843
Cut Growth - After 30000 Cycles	0.00	mm	
Elastomers	Nominal Value	Unit	Test Method

Tensile Stress (100% Strain)	4.00	MPa	ASTM D412
Tensile Strength (Yield)	15.0	MPa	ASTM D412
Tensile Elongation (Break)	440	%	ASTM D412
Tear Strength	13.0	kN/m	DIN 53507
Aging	Nominal Value	Unit	Test Method
Change in Volume in Air (100°C, 24 hr)	0.60	%	ASTM D573
Change in Volume (22°C, 22 hr, in Reference Fuel A)	-0.30	%	ASTM D471

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