

# K-vinyl KST-58

Flexible Polyvinyl Chloride

Technovinyl Polymers India Ltd.

## Message:

K-vinyl KST-58 is a Flexible Polyvinyl Chloride material. It is available in Africa & Middle East.

Typical application of K-vinyl KST-58: Consumer Goods

General Information			
Uses	Footwear		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	58		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion Resistance - Volume Loss (130°C) 1	-124	mm <sup>3</sup>	DIN 53516
Heat Aging - Loss (130°C) <sup>2</sup>	0.60	%	
Slip Resistance			
Dry	0.600		
Wet	0.540		
Specific Durability Index	2.40		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D412
Yield <sup>3</sup>	25.5	MPa	
Yield	15.2	MPa	
Tensile Elongation			ASTM D412
Break <sup>4</sup>	220	%	
Break	420	%	
NOTE			
1.	3 hrs		
2.	3 hrs		
3.	After Heat Ageing at 100°C for 7 days		
4.	After Heat Ageing at 100°C for 7 days		

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