

Shandong Dongyue Shenzhou New Material Co DS2604 Fluoroelastomer Copolymer Gum

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Conformable with: Q/DYS 005-2007 Brief Introduction: FKM-DS2600 is copolymer of HFP and VDF. Normally it is white or light yellow translucent elastomer whose fluorine content is over 66%. After vulcanizing process, FKM products have excellent mechanical performance, outstanding anti oil property (fuel oil, synthesis oil, lubricating oil) and high thermal stability. Main Applications: Widely used in high temperature, aviation, automobile, petroleum and chemical industries, oils, lubricants, etc. Mainly used to produce gaskets, O-rings, V-rings, sealing bowl with metal bone, diaphragms, tube, valve-plate, rolls, etc. Properties: High viscosity, high gum strength Application: General parts made by injection moulding, and oil seals, etc (DS2604-1). Parts made by compression moulding, producing high strength vulcanized products (DS2604-2) Information Provided by Shandong Dongyue Shenzhou New Material Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shandong-Dongyue-Shenzhou-New-Material-Co-DS2604-Fluoroelastomer-Copolymer-Gum.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 - 1.84 g/cc	1.80 - 1.84 g/cc	
Mooney Viscosity	101 - 120	101 - 120	ML(1+10); DS2604-1
	@Temperature 121 Â°C	@Temperature 250 Â°F	
	121 - 200	121 - 200	ML(1+10); DS2604-2
	@Temperature 121 Â°C	@Temperature 250 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 11.5 MPa	>= 1670 psi	
	>= 9.50 MPa	>= 1380 psi	
	@Temperature 275 Â°C, Time 86400 sec	@Temperature 527 Â°F, Time 24.0 hour	
	@Temperature 275 Â°C, Time 86400 sec	@Temperature 527 Â°F, Time 24.0 hour	
Elongation at Break	>= 160 %	>= 160 %	
	>= 130 %	>= 130 %	
	@Temperature 275 Â°C, Time 86400 sec	@Temperature 527 Â°F, Time 24.0 hour	
	@Temperature 275 Â°C, Time 86400 sec	@Temperature 527 Â°F, Time 24.0 hour	
Compression Set	<= 25 %	<= 25 %	AF compression rate 30%
	@Temperature 200 Â°C, Time 86400 sec	@Temperature 392 Â°F, Time 24.0 hour	

Descriptive Properties	Value	Comments
Appearance	White or light yellow translucent rubber piece	

Descriptive Properties	Value	Comments
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