

Zeon Chemicals HyTemp® 4052 AR Polyacrylate Elastomer

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

HyTemp 4052 contains acrylic esters with a small percentage of a chlorine/carboxy cure site monomer. Vulcanizates have excellent oil, heat, and compression set resistance with good low temperature. Improved low-temperature properties with slightly less oil resistance than 4051 types. Excellent compression set.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-HyTemp-4052-AR-Polyacrylate-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	
Mooney Viscosity	32 - 40 @Temperature 100 °C	32 - 40 @Temperature 212 °F	(1+4); Zeon Test #404
Ash	<= 0.50 %	<= 0.50 %	Zeon Test #873

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-32.0 °C	-25.6 °F	Gehman T100
Glass Transition Temp, Tg	-32.0 - -25.3 °C	-25.6 - -13.5 °F	Zeon Test #1273

Descriptive Properties	Value	Comments
% Volume Swell	17	
Curesite	Dual	
Gel-Mek (%), max	10	
Heat Loss (%) Max	0.7	

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