

Zeon Chemicals Zetpol® 4310 Hydrogenated Nitrile Elastomer

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

Material Notes:

Zetpol 4310 is a highly saturated terpolymer of butadiene, acrylonitrile, and a proprietary third monomer with good tensile strength, excellent heat resistance, excellent low-temperature flexibility, and an excellent balance of properties over a wide variation of temperatures. Excellent low-temperature resistant TR10 of -36°C for arctic applications. High temperature properties improved to 160-170°C.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Zetpol-4310-Hydrogenated-Nitrile-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	
Iodine Absorption Number	10 - 20	10 - 20	mg/100mg; R-133A
Mooney Viscosity	52 - 72 @Temperature 100 °C	52 - 72 @Temperature 212 °F	(1+4); ZCI-T-003
Ash	<= 0.50 %	<= 0.50 %	ZCI-T-005

Descriptive Properties	Value	Comments
% HYD	95	
Bound ACN (% , acrylonitrile)	17.1-20.1	
Heat Loss (%) Max	1	

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