



Polymer Content

Technical Specifications

White EPDM Rubber - EP65130FG

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.30±0.05	ASTM D297	1.30±0.05
HARDNESS	DIN 53505	65± 5 Sh A	ASTM D2240	65± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	711 PSI	ASTM D412	50 Kg/cm ²
ELONGATION AT BREAK (min)	DIN 53504	300%	ASTM D412	300%
COMPRESSION SET (70°C/24 HRS/25% COMPRESSION) (max)	DIN 53508	40%	ASTM D395 Method B	40%
TEAR RESISTANCE (angular) min	DIN 53505	101 Lbs/Inch	ASTM D624	18 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR 72 hrs AT 150°C			ASTM D573	
HARNESS (points)		+ 5 (Max)		+ 5 (Max)
TENSILE STRENGTH %		+ 10/-10		+ 10/-10
ELONGATION AT BREAK %		+ 10/-20		+ 10/-20
VOLUME SWELL AT 150°C FOR 24 hrs			ASTM D471	
IN ASTM OIL No.1				+3%
IN ASTM OIL No.2				+16%
IN ASTM OIL No.3				+20%
CHEMICAL RESISTANCE				
OZONE		EXCELLENT	ASTM D1149	EXCELLENT
DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
CONCENTRATE ACIDS AND BASES		EXCELLENT		EXCELLENT
OILS		Not Recommended		POOR
SOLVENTS		Not Recommended		
Polymer Content		100%		
TEMPERATURE RANGE		-30 to + 120°C		
EC Directive 2001/95/EC	YES			
REACH Regulation (EC) 1907/2006 SVHC	YES			
EC 1935/2004	YES	Must be requested at time of purchase (cost involved)		
FDA 21 CFR177.2600	YES			
Traceability & Certification	YES	Must be requested at time of purchase (cost involved)		
Colour	WHITE			



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