



Technical Specifications

Black EPDM Rubber - EP65135

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.35±0.05	ASTM D297	1.35±0.05
HARDNESS	DIN 53505	65± 5 Sh A	ASTM D2240	65± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	835 PSI	ASTM D412	60 Kg/cm ²
ELONGATION AT BREAK (min)	DIN 53504	250%	ASTM D412	250%
COMPRESSION SET (70°C/24 HRS/25% COMPRESSION) (max)	DIN 53508	40%	ASTM D395 Method B	40%
TEAR RESISTANCE (angular) min	DIN 53505	112 Lbs/Inch	ASTM D624	20 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR 72 hrs AT 150°C			ASTM D573	
HARNESS (points)		+ 5 (Max)		+ 5 (Max)
TENSILE STRENGTH %		± 20% (max)		± 20% (max)
ELONGATION AT BREAK %		± 30% (max)		± 30% (max)
VOLUME SWELL AT 150°C FOR 24 hrs			ASTM D471	
IN ASTM OIL No.1		NOT RECOMMENDED		
IN ASTM OIL No.2		NOT RECOMMENDED		
IN ASTM OIL No.3		NOT RECOMMENDED		
CHEMICAL RESISTANCE				
OZONE		FAIR	ASTM D1149	FAIR
DILUTE ACIDS AND BASES		GOOD		GOOD
CONCENTRATE ACIDS AND BASES		FAIR		
OILS		NOT RECOMMENDED		EXCELLENT
SOLVENTS		NOT RECOMMENDED		GOOD
Polymer Content		30%		
TEMPERATURE RANGE		-30 to + 120°C		
EC Directive 2001/95/EC	YES			
REACH Regulation (EC) 1907/2006 SVHC	YES			
FDA 21 CFR177.2600	NO			
Traceability	YES	Must be requested at time of purchase (cost involved)		
Colour	BLACK			



Better Industrial Ltd Hamilton New Zealand

Ph ++64 7 847 9269 sales@betterindustrial.co.nz www.betterindustrial.co.nz