



Coru175 - Black Fuel Resistant Nitrile/PVC 65° shore

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.25	DIN 53508	1.25
HARDNESS	ASTM D2240	65 ± 5 SH A	DIN 53505	65 ± 5 SH A
TENSILE STRENGTH (MIN)	ASTM D412	995 PSI	DIN 53504	60 KG/CM2
ELONGATION AT BREAK (MIN)	ASTM D412	250%	DIN 53504	250%
COMPRESSION SET (70°C/24 HRS/25% SET) (MAX)	ASTM D395 METHOD B	35%	DIN 53517	35%
ABRASION LOSS (MAX)	ASTM D 5963	300 MM3	DIN 53516	300 MM3
TEAR RESISTANCE (ANGULAR) MIN	ASTM D624	123 LBS/INCH	DIN 53515	22 KG/CM
CHANGE IN PROPERTIES				
HEAT AGEING (72 HRS. AT 70°C)	ASTM D 573			
--- HARDNESS (PTS)		+ 6 (MAX)		+ 6 (MAX)
--- TENSILE STRENGTH (%)		+ 10 / -10		+ 10 / -10
--- ELONGATION AT BREAK (%)		+ 10 / -20		+ 10 / -20
VOLUME SWELL : AT 70°C FOR 72 HRS/IN	ASTM D 471			
ASTM OIL NO.1		-2%		-2%
ASTM OIL NO.2		+ 4%		+ 4%
ASTM OIL NO.3		+ 13%		+ 13%
AT FUEL B /24 HRS/ROOM TEMP, MAX		+ 25 %		+ 25 %
POLYMER CONTENT (NITRILE/PVC BLEND)		BLEND		BLEND
CHEMICAL RESISTANCE				
--- OZONE	ASTM D 1149	GOOD		GOOD
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		EXCELLENT		EXCELLENT