

NBR-PVC 65145

PRODUCT CODE – NBR-PVC 65145



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		FPS UNITS
SPECIFIC GRAVITY		1.45 ± 0.05	ASTM D297	1.45 ± 0.05
HARDNESS	ISO 48-4	65 ± 5 Sh A	ASTM D2240	65 ± 5 Sh A
TENSILE STRENGTH (min)	ISO 37	924 PSI	ASTM D412	65 kg/cm 2
ELONGATION AT BREAK (min)	ISO 37	320 %	ASTM D412	320%
TEAR RESISTANCE (Angular) min	ISO 34-1	168 Lbs/Inch	ASTM D624	30 Kg/cm
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	40 %	ASTM D395 METHOD B	40 %
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573	
--- HARDNESS (Pts)		+5 (max)		+5 (max)
--- TENSILE STRENGTH (%)		± 10		± 10
--- ELONGATION AT BREAK (%)		+10 / -20		+10 / -20
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471	
IN IRM OIL NO.901		+ 2%		+ 2%
IN IRM OIL NO.902		+ 4%		+ 4%
IN IRM OIL NO.903		+ 13%		+13%
CHEMICAL RESISTANCE				
--- OZONE		GOOD		GOOD
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		EXCELLENT		EXCELLENT
--- SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-30° to + 110° C		-30° to + 110° C
COLOR		BLACK		BLACK

Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.*

