

# FPG 72190 BLUE

## PRODUCT CODE – FPG 72190



### TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.95 ± 0.05	ASTM D297	1.95 ± 0.05
HARDNESS	DIN 53505	72 ± 5 Sh A	ASTM D2240	72 ± 5 Sh A
TENSILE STRENGTH ( min )	DIN 53504	570 PSI	ASTM D412	40 kg/cm 2
ELONGATION AT BREAK ( min )	DIN 53504	200%	ASTM D412	200 %
COMPRESSION SET (150°C/24 hrs/25% compression) (max)	DIN 53517	35 %	ASTM D395 METHOD B	35 %
TEAR RESISTANCE ( Angular ) min	DIN 53515	112 Lbs/Inch	ASTM D624	20 Kg/cm
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR ( 72 hrs. AT 150 °C )			ASTM D573	
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+10 /-10		+10 /-10
--- ELONGATION AT BREAK (%)		+15 /-15		+15 /-15
VOLUME SWELL : AT 150°C FOR 72 HRS	ASTM D 471			
IRM OIL NO.901		-6 %		-6 %
IRM OIL NO.902		-1 %		-1 %
IRM OIL NO.903		+5 %		+5 %
CHEMICAL RESISTANCE				
--- OZONE		EXCELLENT	ASTM D 1149	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
--- OILS		VERY GOOD		VERY GOOD
--- SOLVENTS		VERY GOOD		VERY GOOD
TEMPERATURE RANGE		-30° to + 275° C		-30 ° to + 275° C
COLOR		BLUE		BLUE

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

