

ABRA LINE IL 40 PRODUCT CODE – AB 40110



TECHNICAL SPECIFICATIONS

SPECIFIC GRAVITY - 1.10±0.05 ASTM D297 1.10 HARDNESS ISO 48-4 40 ± 5 Sh A ASTM D2240 40 ± TENSILE STRENGTH (min) ISO 37 2347 PSI ASTM D412 165 II ELONGATION AT BREAK (min) ISO 37 600 % ASTM D412 600 COMPRESSION SET (70°C/24 hrs/25% compression) (max) ISO 815-1 30 % ASTM D395 METHOD B ABRASION RESISTANCE (max) ISO 4649 120 mm3 ASTM D5963 120 TEAR RESISTANCE (Angular) min ISO 34-1 224 Lbs/Inch ASTM D624 40 II CHANGE IN PROPERTIES AFTER HEAT AGEING FOR (72 hrs. AT 70 °C) ASTM D573 HARDNESS (Pts) + 5 (Max) + 5 TENSILE STRENGTH (%) + 10/- 15 + 10 VOLUME SWELL : AT 70°C FOR 72 HRS ASTM D 471 NOT NOT NIRM OU NO 901 NOT	#0.05 5 Sh A g/cm 2
HARDNESS ISO 48-4 40 ± 5 Sh A ASTM D2240 40 ± 5 TENSILE STRENGTH (min) ISO 37 2347 PSI ASTM D412 165 II	5 Sh A 1g/cm 2
TENSILE STRENGTH (min) ISO 37 2347 PSI ASTM D412 165 I ELONGATION AT BREAK (min) ISO 37 600 % ASTM D412 600 COMPRESSION SET (70°C/24 hrs/25% compression) (max) ISO 815-1 30 % ASTM D395 METHOD B 34 ABRASION RESISTANCE (max) ISO 4649 120 mm3 ASTM D5963 120 TEAR RESISTANCE (Angular) min ISO 34-1 224 Lbs/Inch ASTM D624 40 I CHANGE IN PROPERTIES AFTER ASTM D573 ASTM D573 +5 (Max) +5 HARDNESS (Pts) +5 (Max) +5 +10 / - 15 +10 ELONGATION AT BREAK (%) +10 / - 25 ASTM D 471 NOT IN IRM OIL NO 201 NOT NOT	g/cm 2
ELONGATION AT BREAK (min) ISO 37 600 % ASTM D412 600 COMPRESSION SET (70°C/24 hrs/25% compression) (max) ISO 815-1 30 % ASTM D395 METHOD B 30 % ABRASION RESISTANCE (max) ISO 4649 120 mm3 ASTM D5963 120 TEAR RESISTANCE (Angular) min ISO 34-1 224 Lbs/Inch ASTM D624 40 I CHANGE IN PROPERTIES AFTER HEAT AGEING FOR (72 hrs. AT 70 °C) ASTM D573 HARDNESS (Pts) + 5 (Max) + 5 TENSILE STRENGTH (%) + 10 / - 15 + 10 - 10 - 10 VOLUME SWELL: AT 70°C FOR 72 HRS ASTM D 471 NOT NOT NOT) %
COMPRESSION SET (70°C/24 hrs/25% compression) (max) ISO 815-1 30 % ASTM D395 METHOD B 31 ABRASION RESISTANCE (max) ISO 4649 120 mm3 ASTM D5963 120 TEAR RESISTANCE (Angular) min ISO 34-1 224 Lbs/Inch ASTM D624 40 D CHANGE IN PROPERTIES AFTER HEAT AGEING FOR (72 hrs. AT 70 °C) HARDNESS (Pts) TENSILE STRENGTH (%) ELONGATION AT BREAK (%) VOLUME SWELL: AT 70°C FOR 72 HRS IN IRM OIL NO 901	
SO 815-1 30 % METHOD B M) %
TEAR RESISTANCE (Max) 150 34-1 224 Lbs/Inch ASTM D624 40 II	
TEAR RESISTANCE (Angular) min ISO 34-1 224 Lbs/Inch ASTM D624 40 Inch CHANGE IN PROPERTIES AFTER Image: CHANGE IN PRO	mm3
HEAT AGEING FOR (72 hrs. AT 70 °C) HARDNESS (Pts) TENSILE STRENGTH (%) ELONGATION AT BREAK (%) VOLUME SWELL: AT 70°C FOR 72 HRS NOT NOT ASTM D573 + 5 (Max) + 10/- 15 + 10/- 25 ASTM D 471	Kg/cm
HARDNESS (Pts) + 5 (Max) + 5 TENSILE STRENGTH (%) + 10/- 15 + 10 ELONGATION AT BREAK (%) + 10/- 25 + 10 VOLUME SWELL: AT 70°C FOR 72 HRS IN IRM OIL NO 901	
TENSILE STRENGTH (%) + 10 / - 15 + 10 ELONGATION AT BREAK (%) + 10 / - 25 + 10 VOLUME SWELL: AT 70°C FOR 72 HRS	
ELONGATION AT BREAK (%) + 10 / - 25 + 10 VOLUME SWELL: AT 70°C FOR 72 HRS ASTM D 471 IN IRM OIL NO 901	(Max)
VOLUME SWELL: AT 70°C FOR 72 HRS ASTM D 471 NOT NOT	/ - 15
IN IRM OIL NO 901	/ - 25
RECOMMENDED RECOM	OT MENDED
	OT MENDED
IN IPM OIL NO 903 NOT	OT MENDED
CHEMICAL RESISTANCE	
OZONE FAIR ASTM D 1149 FA	AIR.
DILUTE ACIDS AND BASES NOT RECOMMENDED NOT RECO	
CONCENTRATED ACIDS AND BASES NOT RECOMMENDED	MMENDED
OILS NOT RECOMMENDED NOT RECO	MMENDED
SOLVENTS NOT RECOMMENDED NOT RECO	
TEMPERATURE RANGE -30° to +70° C -30 ° to	MMENDED
COLOR TOP – BLACK MIDDLE- ORANGE	MMENDED OMMENDED
BONDING LAYER BOTTOM –GREY CN BONDING LAYER	MMENDED OMMENDED

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























