



PIEFTE UNF Inj 90

CARATTERISTICHE DELL'ELASTOMERO <i>PROPERTIES</i>	UNITA' DI MISURA <i>MEASUREMENT UNIT</i>	NORMA ASTM/ISO/DIN	VALORE <i>VALUE</i>
DUREZZA <i>HARDNESS</i>	Shore A	DIN 53505	95
CARICO A ROTTURA <i>TENSILE STRENGTH</i>	Mpa	DIN 53505	55
ALLUNGAMENTO A ROTTURA <i>ELONGATION AT BREAK</i>	Mpa	DIN 53504	500
RESISTENZA ALLA LACERAZIONE <i>TEAR STRENGTH</i>	KN/m	DIN 53515	100
MODULO DI ELASTICITA' <i>MODULUS OF ELASTICITY</i>	Mpa	EN ISO 527	-
DEFORMAZIONE PERMANENTE TEMP. AMB. <i>COMPRESSION SET AT ROOM TEMP.</i>	%	DIN 53517	30
DEFORMAZIONE PERMANENTE A 70 °C <i>COMPRESSION SET AT 70°C</i>	%	DIN 53517	45
CARICO A ROTTURA <i>TENSILE STRENGTH</i>	Mpa	DIN 53504	37
ALLUNGAMENTO A ROTTURA <i>ELONGATION AT BREAK</i>	%	DIN 53504	500
DENSITA' <i>DENSITY</i>	gr/cm ³		1,15
PERDITA ALL'ABRASIONE <i>ABRASION LOSS</i>	mm ³	DIN 53545	25

UNFInj90 is specifically formulated for extruded profile, sheet and film applications. It exhibits excellent abrasion resistance, toughness, transparency, very good low temperature flexibility, hydrolytic stability and fungus resistance. It has excellent damping characteristics and outstanding resistance to tear propagation. UNFInj90 is rated UL-94 HB in vertical flame test for wall thicknesses of 0.75 and 3.0 mm. UNFInj90 also conforms to the FDA food contact regulations as described in book 21, section 177.2600 for wet food contact applications UNFInj90 also has NSF Standard 61 "Water Contact Material" certification. UNFInj90 is supplied uncolored and in diced or pelletized form.