



Neoplast 163 FT EB (TPV)

Product Description :

NEOPLAT 163 FT EB is an EPDM/PP based, dynamically vulcanized TPV (Thermoplastic Vulcanizates) intended for Injection Molding and Extrusion applications.

Properties	Condition	Unit	
Hardness	@23°C/5sec	Shore A	63-66
Density	-	g/cm ³	0.96
MFR	@230°C/10kg	g/10min	60
Tensile Strenght @ Break	500mm/min	Kg/cm ²	69
Elongation @ Break	500mm/min	%	425
100% Modulus	500mm/min	Kg/cm ²	55
Tear Strenght	500mm/min	Kg/cm	22
Compression set	@70°C/22Hrs	%	28
Brittleness Temperature	-	°C	-60
Continous Upper Temperature	SAE J 2236	°C	125
Heat Aging	@150°C/168 Hrs	%	+10
	Change in Tensile	%	-15
	Change in Elongation	%	+2
	Change in Hardness		

These are typical values and should not be construed as specification

Note: Tensile Strength, Elongation and Modulus are measured in flow direction on Injection moulded dumbbells

Compression Set in at 25% deflection