



# TPI POLENE PUBLIC COMPANY LIMITED

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## ETHYLENE VINYL - ACETATE

### POLENE N 8038

TYPICAL DATA	UNIT	VALUE	TEST METHOD
<b>PROPERTY</b>			
MELT FLOW INDEX (2.16 kg/190 °C)	g/10min	2.3	ASTM D 1238
DENSITY	g/cm <sup>3</sup>	0.941	ASTM D 1505
TENSILE STRENGTH AT YIELD	MPa	4.5	ASTM D 638
TENSILE STRENGTH AT BREAK	MPa	24	ASTM D 638
ULTIMATE ELONGATION	%	820	ASTM D 638
HARDNESS SHORE - D	-	37	DIN 53505
VICAT SOFTENING TEMPERATURE	°C	62	ASTM D 1525
VA CONTENT	%	18	TPI METHOD
<b>CHARACTERISTICS : HIGH ELASTICITY, GOOD MECHANICAL PROPERTIES GOOD LOW TEMPERATURE RESISTANCE</b>			
* MEET THE F.D.A. REQUIREMENT IN THE CODE OF FEDERAL REGULATIONS IN 21 CFR 177.1350 FOR FOOD CONTACT			
<b>APPLICATIONS : CALENDERING, INJECTION, BLOW MOULDING FOR FOAMED CROSSLINKED SHEET FOR SHOES, SANDALS, SLIPPERS, SHOE SOLES, TOYS</b>			
<b>PROCESSING TEMPERATURE (FOR INJECTION, BLOW MOULDING) : 130 - 180 oC</b>			

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**REMARK :** THE VALUES PRESENTED ON THE ABOVE ARE TYPICAL LABORATORY AVERAGE, NOT TO BE CONSTRUED AS SPECIFICATIONS AND MAY VARY WITHIN MODERATE RANGES. THE APPLICABILITY OR THE ACCURACY OF THIS INFORMATION OR THE SUITABILITY OF OUR PRODUCTS CANNOT BE GUARANTEED BECAUSE THE CONDITIONS OF USE ON THE PART OF OUR USERS ARE BEYOND OUR CONTROL.