



TPI POLENE PUBLIC COMPANY LIMITED

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ETHYLENE VINYL ACETATE POLENE SSV 1055

TYPICAL DATA	UNIT	VALUE	TEST METHOD
<u>PROPERTY</u>			
MELT FLOW INDEX (2.16 kg/190 °C)	g/10min	25	ASTM D 1238
DENSITY	g/cm ³	0.952	ASTM D 1505
VA CONTENT	%	28	TPI METHOD
TENSILE MODULUS 1% SECANT	N/mm ²	29	ASTM D 638
TENSILE STRENGTH AT YIELD	N/mm ²	15	ASTM D 638
TENSILE STRENGTH AT BREAK	N/mm ²	17	ASTM D 638
ULTIMATE ELONGATION	%	860	ASTM D 638
VICAT SOFTENING TEMPERATURE	°C	48	ASTM D 1525
HARDNESS SHORE - D	-	25	DIN 53505
MELTING POINT TEMPERATURE	°C	69	ASTM D 3418
 <u>CHARACTERISTICS</u> EXCELLENT ELASTICITY, GOOD MECHANICAL PROPERTIES GOOD LOW TEMPERATURE RESISTANCE			
 <u>ADDITIVES</u> NO SLIP/NO ANTIBLOCK, WITH THERMAL STABILIZER			
 <u>REGULATORY INFORMATION</u> - COMPLIES WITH THE RoSH 2002/95/EC			
 <u>APPLICATIONS</u> - SOLAR SHEET for Solar Cell Encapsulant			

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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.