


Arnitel® Eco L-X07128 - Shore 55 D

TPC

DSM Engineering Plastics

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	30	cm³/10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	160	MPa	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m²	ISO 179/1eU
Charpy impact strength, -30°C	5	kJ/m²	ISO 179/1eU
Thermal properties			
ISO Data			
Melting temperature (10°C/min)	196	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	-17	°C	ISO 11357-1/-2
Vicat softening temperature, 50°C/h 50N	59	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Electrical properties			
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 60093
Surface resistivity	>1E15	Ohm	IEC 60093
Electric strength	20	kV/mm	IEC 60243-1
Other properties			
ISO Data			
Density	1170	kg/m³	ISO 1183
Characteristics			
Processing		Delivery form	
Injection Molding		Pellets	