

Arnitel® Eco L-X07135 - Shore 45 D			
TPC DSM Engineering Plastics			
Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	39	cm ³ /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	95	MPa	ISO 527-1/-2
Charpy notched impact strength (+23°C)	N	kJ/m ²	ISO 179/1eA
Stress at 10% elongation	7.7	MPa	ISO 527-1/-2
Stress at 100% elongation	10.8	MPa	ISO 527-1/-2
Strain at break TPE	>300	%	ISO 527-1/-2
Stress at break TPE	24	MPa	ISO 527-1/-2
Thermal properties			
ISO Data			
Melting temperature (10°C/min)	180	°C	ISO 11357-1/-3
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	1140	kg/m ³	ISO 1183
Characteristics			
Processing		Delivery form	
Injection Molding		Pellets	