

Arnitel® Eco L-X07110 - Shore 65 D

TPC

DSM Engineering Plastics

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	5	cm ³ /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	320	MPa	ISO 527-1/-2
Stress at 10% elongation	21.4	MPa	ISO 527-1/-2
Stress at 100% elongation	23.5	MPa	ISO 527-1/-2
Stress at break TPE	34	MPa	ISO 527-1/-2
Thermal properties			
ISO Data			
Melting temperature (10°C/min)	210	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	-2	°C	ISO 11357-1/-2
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	1230	kg/m ³	ISO 1183
Characteristics			
Processing		Delivery form	
Film Extrusion		Pellets	