



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	cm³/10min	ISO 1133
Temperature		230	°C	ISO 1133
Load		2.16	kg	ISO 1133
Mechanical properties		Value	Unit	Test Standard
ISO Data				
Tensile Modulus		95	MPa	ISO 527-1/-2
Charpy notched impact strength (+23°C)		N	kJ/m²	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		Value	Unit	Test Standard
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		Value	Unit	Test Standard
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		Value	Unit	Test Standard
ISO Data				
Density		1140	kg/m³	ISO 1183
Characteristics				
Processing		Delivery form		
Injection Molding		Pellets		