

**Terblend® N 3158**

(ABS+PA\*)-MX9

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	10	cm <sup>3</sup> /10min	ISO 1133
Temperature	280	°C	-
Load	10	kg	-
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2900	MPa	ISO 527
Yield stress	50	MPa	ISO 527
Yield strain	3	%	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	3000	MPa	ISO 178
Charpy impact strength, +23°C	160	kJ/m <sup>2</sup>	ISO 179/1eU
Izod notched impact strength, +23°C	10	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	8	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-30	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Vicat softening temperature, B	160	°C	ISO 306
Coeff. of linear therm. expansion, parallel	80	E-6/K	ISO 11359-1/-2
<b>ASTM Data</b>			
Vicat Temperature	245	°C	ASTM D 1525
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E15	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Humidity absorption	1.3	%	Sim. to ISO 62
Density	1150	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Pellets

**Applications**

Automotive

**Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

Europe