

Terblend® N 3154

(ABS+PA*)-MX8

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	8	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2700	MPa	ISO 527
Yield stress	55	MPa	ISO 527
Yield strain	2.9	%	ISO 527
Strain at break	35	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Charpy impact strength, +23°C	150	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	100	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	6	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
Izod notched impact strength	5	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Thermal properties			
ISO Data			
Vicat softening temperature, A	130	°C	ISO 306
Vicat softening temperature, B	105	°C	ISO 306
Coeff. of linear therm. expansion, parallel	80	E-6/K	ISO 11359-1/-2
ASTM Data			
Vicat Temperature	245	°C	ASTM D 1525
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E15	Ohm	IEC 62631-3-2
Comparative tracking index	600	-	IEC 60112
Other properties			
Water absorption	3.9	%	Sim. to ISO 62
Density	1110	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Regional Availability

Europe

Applications

Electrical and Electronical