

Terblend® N 3154
(ABS+PA*)-MX8

INEOS Styrolution

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	8	cm³/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
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
Impact Strength (Charpy), +23°C	150	kJ/m²	ISO 179/1eU
Impact Strength (Charpy), -30°C	100	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	8	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	6	kJ/m²	ISO 179/1eA
Flexural Modulus (23°C)	2500	MPa	ISO 178
Notched Impact Strength (Izod), 23°C	7	kJ/m²	ISO 180/1A
Notched Impact Strength (Izod)	5	kJ/m²	ISO 180/1A
Temperature	-30	°C	-

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature A	130	°C	ISO 306
Vicat softening temperature, 50°C/h 50N	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	Value	Unit	Test Standard
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	Value	Unit	Test Standard
ISO Data			
Water Absorption	3.9	%	Sim. to ISO 62
Density	1110	kg/m³	ISO 1183

Characteristics**Delivery form**

Pellets

Applications

Electrical and Electrical

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