

## TER Plastics

1 120			Oynova (
Rheological properties	Value	Unit	Test Standard
SO Data			
Molding shrinkage, parallel	1.1	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577
Melt flow index, MFI	15	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-
Mechanical properties	Value	Unit	Test Standard
SO Data			
Tensile Modulus	3000	MPa	ISO 527
Yield stress	30	MPa	ISO 527
Yield strain	3	%	ISO 527
Stress at break	24	MPa	ISO 527
Strain at break	12	%	ISO 527
Charpy impact strength, +23°C	30	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	3	kJ/m²	ISO 179/1eA
Flexural modulus, 23°C	2800	MPa	ISO 178
Flexural strength	44	MPa	ISO 178
zod Impact notched, 23°C	2.5	kJ/m²	ISO 180/1A
Thermal properties	Value	Unit	Test Standard
SO Data			
Temp. of deflection under load, 1.80 MPa	65	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	124	°C	ISO 75-1/-2
Vicat softening temperature, A	154	°C	ISO 306
/icat softening temperature, 50°C/h 50N	95	°C	ISO 306
Other properties	Value	Unit	Test Standard
SO Data			

**Characteristics** 

Processing Injection Molding

**Delivery form** 

Black

Applications Automotive

Recycled Resin Content

Certifications

**Features** 

Homopolymer

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