

INSPIRE™ TF7000 ES

PP

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	24	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	23	MPa	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Izod notched impact strength, +23°C	29	kJ/m ²	ISO 180/1A
ASTM Data			
Shore D Hardness	70	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	61	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	107	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1030	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

High impact or impact modified

Features

Scratch Resistant

Applications

Automotive

Regional Availability

North America, South and Central America