

CELEX™ 730GS

ABS-GF30

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	5350	MPa	ASTM D 638
Tensile Strength at Yield	86	MPa	ASTM D 638
Flexural Modulus	6100	MPa	ASTM D 790
Flexural Strength	108	MPa	ASTM D 790
Izod Impact notched, 1/8 in	98	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	100	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1250	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	85	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	60 - 80	°C	-
Zone 1	180 - 190	°C	-
Zone 2	190 - 220	°C	-
Zone 3	190 - 220	°C	-
Nozzle temperature	200 - 230	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Applications

IT / Business Machine