

Lustran® 248BS

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2620	MPa	ASTM D 638
Tensile Strength at Yield	42.1	MPa	ASTM D 638
Flexural Modulus	2689	MPa	ASTM D 790
Flexural Strength	72.4	MPa	ASTM D 790
Izod Impact notched, 1/8 in	267	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	81	E-6/K	ASTM D 696
DTUL @ 264 psi	87.8	°C	ASTM D 648

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	218 - 260	°C	-
Mold temperature	29.4 - 60	°C	-

Characteristics**Processing**

Injection Molding

Features

High Gloss

Applications

Medical

Regional Availability

North America, South and Central America