

Lustran® 248

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	13	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2620	MPa	ASTM D 638
Tensile Strength at Yield	46.9	MPa	ASTM D 638
Flexural Strength	73.8	MPa	ASTM D 790
Rockwell Hardness	R 112	-	ASTM D 785
Izod Impact notched, 1/8 in	224	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	48	J/m	ASTM D 256
Temperature	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	81	E-6/K	ASTM D 696
DTUL @ 66 psi	93.3	°C	ASTM D 648
DTUL @ 264 psi	86.1	°C	ASTM D 648
Vicat Temperature	107	°C	ASTM D 1525

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	2 - 4	h	-

Characteristics**Processing**

Injection Molding

Features

High Gloss

Applications

General Purpose

Regional Availability

North America, South and Central America