

Lustran® 138

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	-
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2654	MPa	ASTM D 638
Tensile Strength at Yield	46.2	MPa	ASTM D 638
Rockwell Hardness	R 112	-	ASTM D 785
Izod Impact notched, 1/8 in	165	J/m	ASTM D 256
Thermal properties			
ASTM Data			
Coefficient of Thermal Expansion, MD	81	E-6/K	ASTM D 696
DTUL @ 264 psi	78.9	°C	ASTM D 648
Vicat Temperature	107	°C	ASTM D 1525
Processing Recommendation Injection Molding			
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	2 - 4	h	-
Mold temperature	43.3 - 65.6	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, South and Central America

Delivery form

Black