

Lustran® 732

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2296	MPa	ASTM D 638
Tensile Strength at Yield	22.8	MPa	ASTM D 638
Tensile Strength at Break	28.3	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Rockwell Hardness	R 82	-	ASTM D 785
Izod Impact notched, 1/8 in	198	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	74.7	J/m	ASTM D 256
Temperature	-17.8	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	72	E-6/K	ASTM D 696
DTUL @ 264 psi	87.8 ^[ann.]	°C	ASTM D 648

ann.: annealed

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	216 - 241	°C	-

Characteristics**Processing**

Other Extrusion, Thermoforming

Special Characteristics

High impact or impact modified

Features

High Gloss

Applications

Refrigeration

Regional Availability

North America, South and Central America