

**Lustran® 752**

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	1.7	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	1655	MPa	ASTM D 638
Tensile Strength	51.7	MPa	ASTM D 638
Tensile Strength at Yield	33.8	MPa	ASTM D 638
Flexural Modulus	1999	MPa	ASTM D 790
Rockwell Hardness	R 94	-	ASTM D 785
Izod Impact notched, 1/8 in	454	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	192	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	93.6	E-6/K	ASTM D 696
DTUL @ 66 psi	90	°C	ASTM D 648
DTUL @ 264 psi	77.2	°C	ASTM D 648

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**

Profile Extrusion, Sheet Extrusion, Other Extrusion, Thermoforming

**Special Characteristics**

High impact or impact modified

**Features**

High Gloss, Melt Strength

**Regional Availability**

North America, South and Central America