

Styrolux® T99
SB

INEOS Styrolution

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	12	cm³/10min	ISO 1133
Temperature	200	°C	-
Load	5	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1200	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Yield strain	3	%	ISO 527
Nominal strain at break	250	%	ISO 527
Impact Strength (Charpy), +23°C	80	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	2	kJ/m²	ISO 179/1eA
Flexural Modulus (23°C)	1000	MPa	ISO 178
Flexural strength	32	MPa	ISO 178
Shore Hardness D (15s)	67	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature A	62	°C	ISO 306
Vicat softening temperature, 50°C/h 50N	46	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Water Absorption	0.07	%	Sim. to ISO 62
Density	1020	kg/m³	ISO 1183

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Haze	2	%	ASTM D 1003
Light Transmittance	89	%	ASTM D 1003

Characteristics

Processing

Injection Molding, Other Extrusion

Special Characteristics

Transparent

Delivery form

Pellets

Features

Blending Resin, Copolymer