

K-Resin® DK11
SB

INEOS Styrolution

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	7.5	g/10min	ISO 1133
MFI temperature	200	°C	-
MFI load	5	kg	-

Thermal Properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	85	°C	ASTM D 1525

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1010	kg/m³	ISO 1183

Film Properties	Value	Unit	Test Standard
ISO Data			
Maximum strain, parallel	110	%	ISO 527-3
Maximum strain, normal	200	%	ISO 527-3
Type of extrusion	blown	-	-
Thickness of specimen	0.025	mm	-
ASTM Data			
Tensile Strength at Break, TD	35	MPa	ASTM D 882
Elongation at Yield, MD	20	MPa	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.025	mm	-

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	140	-	ASTM D 2457
Haze	0.7	%	ASTM D 1003

Characteristics**Processing**

Blown Film Extrusion

Applications

Medical, Packaging

Features

Heat Sealable, High Gloss, Copolymer