

K-Resin® KR52
SB

INEOS Styrolution

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	9	g/10min	ISO 1133
MFI temperature	200	°C	-
MFI load	5	kg	-

Thermal Properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	60	°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	260	%	ISO 527-3
Maximum strain, normal	80	%	ISO 527-3
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-
ASTM Data			
Tensile Strength at Break, TD	30	MPa	ASTM D 882
Elongation at Yield, MD	45	MPa	ASTM D 882
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	145	-	ASTM D 2457
Haze	4	%	ASTM D 1003

Characteristics

Processing

Film Extrusion

Applications

Packaging

Features

High Gloss, Copolymer