

Sclair® 94E

PE

Nova Chemicals Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.8	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	17.3	MPa	ASTM D 638
Tensile Strength at Break	30	MPa	ASTM D 638
Elongation at Break	1100	%	ASTM D 638
Shore D Hardness	60	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	124	°C	ASTM D 3418
Vicat Temperature	119	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	936	kg/m ³	ASTM D 792

Characteristics**Processing**

Film Extrusion, Other Extrusion

Features

Blending Resin

Chemical Resistance

Oxidation Resistance

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America, Europe, Asia Pacific