



TER Plastics
POLYMER GROUP



K-Resin® KK38

SB

Chevron Phillips Chemical Co. LP

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	9	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Density, 73°F	1000	kg/m³	ASTM D 792
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	16.2	MPa	ASTM D 638
Elongation at Break	260	%	ASTM D 638
Flexural Modulus	1365.16	MPa	ASTM D 790
Shore D Hardness	56	-	ASTM D 2240
Thermal properties			
ASTM Data			
DTUL @ 264 psi	56.7	°C	ASTM D 648
Vicat Temperature	74.4	°C	ASTM D 1525
Optical properties			
ASTM Data			
Light Transmittance	92	%	ASTM D 1003

Characteristics

Processing

Thermoforming

Features

Copolymer

Delivery form

Pellets

Ecological valuation

Food approval FDA 21 CFR

Special Characteristics

High impact or impact modified

Applications

Packaging