



TER Plastics
POLYMER GROUP



K-Resin® XK44

SB

Chevron Phillips Chemical Co. LP

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	6	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Density, 73°F	1010	kg/m³	ASTM D 792
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	21.6	MPa	ASTM D 638
Elongation at Break	350	%	ASTM D 638
Flexural Modulus	1121.71	MPa	ASTM D 790
Shore D Hardness	65	-	ASTM D 2240
Thermal properties			
ASTM Data			
DTUL @ 264 psi	52.8	°C	ASTM D 648
Vicat Temperature	75.6	°C	ASTM D 1525
Optical properties			
ASTM Data			
Light Transmittance	93	%	ASTM D 1003

Characteristics

Processing

Blow Molding

Ecological valuation

Food approval FDA 21 CFR

Features

Copolymer

Applications

Packaging