



K-Resin® XK44			
SB		Chevron Phillips Chemical Co. LP	
Processing/Physical Characteristics			
ASTM Data	Value	Unit	Test Standard
Melt Flow Index	6	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Density, 73°F	1010	kg/m ³	ASTM D 792
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
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	Value	Unit	Test Standard
DTUL @ 264 psi	52.8	°C	ASTM D 648
Vicat Temperature	75.6	°C	ASTM D 1525
Optical properties			
ASTM Data	Value	Unit	Test Standard
Light Transmittance	93	%	ASTM D 1003
Characteristics			
Processing		Ecological valuation	
Blow Molding		Food approval FDA 21 CFR	
Features		Applications	
Copolymer		Packaging	