



K-Resin® KK38			
SB		Chevron Phillips Chemical Co. LP	
Processing/Physical Characteristics			
ASTM Data	Value	Unit	Test Standard
Melt Flow Index	9	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Density, 73°F	1000	kg/m ³	ASTM D 792
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
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	Value	Unit	Test Standard
DTUL @ 264 psi	56.7	°C	ASTM D 648
Vicat Temperature	74.4	°C	ASTM D 1525
Optical properties			
ASTM Data	Value	Unit	Test Standard
Light Transmittance	92	%	ASTM D 1003
Characteristics			
Processing		Features	
Thermoforming		Copolymer	
Delivery form		Ecological valuation	
Pellets		Food approval FDA 21 CFR	
Special Characteristics		Applications	
High impact or impact modified		Packaging	