



K-Resin® KR01			
SB	Chevron Phillips Chemical Co. LP		
Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index	8	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Density, 73°F	1010	kg/m³	ASTM D 792
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	33.4	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	1798.66	MPa	ASTM D 790
Shore D Hardness	69	-	ASTM D 2240
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 264 psi	64.4	°C	ASTM D 648
Vicat Temperature	90	°C	ASTM D 1525
<b>Optical properties</b>			
<b>ASTM Data</b>			
Gloss	164	-	ASTM D 2457
Light Transmittance	93	%	ASTM D 1003
<b>Characteristics</b>			
<b>Delivery form</b>		<b>Ecological valuation</b>	
Pellets		Food approval FDA 21 CFR	
<b>Features</b>		<b>Applications</b>	
Copolymer		Medical, Packaging	