



K-Resin® BK10			
SB	Chevron Phillips Chemical Co. LP		
Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	15	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	26.3	MPa	ASTM D 638
Elongation at Break	248	%	ASTM D 638
Flexural Modulus	1668.53	MPa	ASTM D 790
Shore D Hardness	62	-	ASTM D 2240
Thermal properties			
ASTM Data			
DTUL @ 264 psi	60	°C	ASTM D 648
Vicat Temperature	82.2	°C	ASTM D 1525
Optical properties			
ASTM Data			
Light Transmittance	90	%	ASTM D 1003
Characteristics			
Delivery form		Ecological valuation	
Pellets		Food approval FDA 21 CFR, US Pharmacopeia Class VI	
Features		Approved	
Copolymer		Applications	
		Medical, Packaging	