



TER Plastics  
POLYMER GROUP



<b>K-Resin® BK10</b>			
<b>SB</b>		Chevron Phillips Chemical Co. LP	
<b>Processing/Physical Characteristics</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Melt Flow Index	15	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Density, 73°F	1010	kg/m <sup>3</sup>	ASTM D 792
<b>Mechanical properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
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
<b>Thermal properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
DTUL @ 264 psi	60	°C	ASTM D 648
Vicat Temperature	82.2	°C	ASTM D 1525
<b>Optical properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Light Transmittance	90	%	ASTM D 1003
<b>Characteristics</b>			
<b>Delivery form</b>		<b>Ecological valuation</b>	
Pellets		Food approval FDA 21 CFR, US Pharmacopeia Class VI Approved	
<b>Features</b>		<b>Applications</b>	
Copolymer		Medical, Packaging	