



TER Plastics
POLYMER GROUP



K-Resin® KR01			
SB		Chevron Phillips Chemical Co. LP	
Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	8	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Density, 73°F	1010	kg/m³	ASTM D 792
Mechanical properties	Value	Unit	Test Standard
ASTM Data			
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
Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	64.4	°C	ASTM D 648
Vicat Temperature	90	°C	ASTM D 1525
Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	164	-	ASTM D 2457
Light Transmittance	93	%	ASTM D 1003
Characteristics			
Delivery form		Ecological valuation	
Pellets		Food approval FDA 21 CFR	
Features		Applications	
Copolymer		Medical, Packaging	