

K-Resin® KK38				
SB				
Processing/Physical Characteristics		Value	Unit	Test Standard
ASTM Data				
Melt Flow Index	9	g/10min		ASTM D 1238
Temperature	200	°C	-	
Load	5	kg	-	
Density, 73°F	1000	kg/m³		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			