

## Technical Data Sheet

Issue: 03/2011

Product-Line: KSM (Base for SSK, SOK)  
Material: ABS white  
TEXTIT-Material-Code: TMC-1019

### Material data:

<b>Material</b>	ABS (Acrylnitrile/Butadiene/Styrene) Thickness: 0,5 mm Colour: white
<b>Temperature range</b>	-30°C to + 80°C
<b>Printability</b>	Thermotransfer printer

### Mechanical properties

<b>Tensile strength</b>	approx. 48 N/mm <sup>2</sup>	DIN 53455
<b>Elongation at break</b>	approx. 12%	DIN 53455

### Electrical properties

<b>Volume resistivity</b>	approx. 10 <sup>15</sup> to 10 <sup>16</sup> Ohm* cm	DIN 53482
<b>Surface resistivity</b>	approx. 5 * 10 <sup>13</sup> to 8*10 <sup>14</sup> Ohm	DIN 53482
<b>Properties</b>	Zero halogen (DIN VDE 0472 part 815)	
<b>Resistance</b>	Resistant against the most oil and grease, water, alcohol, petrol, acids, aliphatic, hydrocarbons and alkalises	
<b>Storage Stability</b>	2 years stored at +23°C and 50% RH without direct sunlight	
<b>RoHS-compliant</b>	Yes	

## Technical Data Sheet

Issue: 10/2011

Product-Line: KSM (Base for SSK, SOK, BML, BMK, BMR)  
Material: Opaque rigid PVC white  
TEXTIT-Material-Code: TMC-1020

### Material data:

<b>Material</b>	Opaque rigid PVC, high impact modification. UV-stabilized and improved weather resistance for occasional outdoor usage.  Thickness: 0,5 mm Colour: white
<b>Temperature range</b>	-22°C bis + 78°C
<b>Printability</b>	Thermaltransfer printer
<b>Printribbon</b>	black (white, green, blue and red are also possible)

<b>Mechanical properties</b>		
<b>Density</b>	1,34 cm <sup>2</sup>	DIN 53479
<b>Impact strength</b>	> 600 kJ/m <sup>2</sup>	DIN EN ISO 8256
<b>Tensile strength</b>	> 42 N/mm <sup>2</sup>	DIN EN ISO 527-1-3

Thermal properties	
<b>Vicat softening temperature</b>	+78°C DIN EN ISO 306
<b>Cold firmness</b>	-22°C DIN 53372
<b>Resistance</b>	Resistant against water, humidity, alcohol, conventional household cleaners and industrial chemicals
<b>Storage conditions</b>	+ 23°C and 50 % RH without direct sunlight
<b>RoHS-compliant</b>	Yes

## Technical Data Sheet

Issue: 03/2011

Product-Line: KSM (Base for EST)  
Material: Rigid PVC silver  
TEXTIT-Material-Code: TMC-1021

### Material data:

<b>Material</b>	Transparent (silver) rigid PVC, impact modified Thickness: 0,5 mm Colour: transparent (silver)
<b>Temperature range</b>	-22°C to + 78°C
<b>Printability</b>	Thermotransfer printer

### Mechanical properties

<b>Density</b>	1,33 g/cm <sup>3</sup>	DIN 53479
<b>Impact strength</b>	> 600kJ/m <sup>2</sup>	DIN EN ISO 8256
<b>Tensile strength</b>	> 46 N/mm <sup>2</sup>	DIN EN ISO 527-1-3

### Thermal properties

<b>Vicat softening temperature</b>	+78°C	DIN EN ISO 306
<b>Cold firmness</b>	-22°C	DIN 53372
<b>Resistance</b>	Resistant against water, humidity, alcohol, conventional household cleaners and industrial chemicals	
<b>Storage conditions</b>	+23°C and 50% RH without direct sunlight	
<b>RoHS-compliant</b>	Yes	