

## Technical Data Sheet

<b>Product type:</b>	<b>KRELID</b>	<b>Issue: 7</b>
<b>Material:</b>	<b>LB AL</b>	
<b>Thickness:</b>	<b>45 micron</b>	
<b>Composition:</b>	<b>PET/special ovenable sealing layer</b>	

<b>Product Description:</b>	Low barrier lidding film for uncoated Aluminium trays Hard-peel to uncoated aluminium trays Good clarity & gloss Suitable for frozen food packaging			
<b>Properties</b>	<b>Testing Parameters</b>	<b>Standard</b>	<b>Unit</b>	<b>Value/Range</b>
Thickness			μ	45 ±8%
Weight			g/m <sup>2</sup>	47.6 ±8%
Yield			m <sup>2</sup> /kg	21 ±8%
Haze		D-1003	%	13 ± 10%
Clarity		D-1746	%	80 ± 10%
C.O.F. (in-in)				≤0.25-0.21
<b>Barrier Properties</b>				
O <sub>2</sub> Transmission Rate	at 23°C at 0% RH	D-3985	cc/m <sup>2</sup> 24hrs	≤125
WVTR	at 38°C at 90% RH	E-96	g/m <sup>2</sup> -24hrs	≤11
<b>Mechanical</b>				
Tensile Strength	MD	D-882	N/mm <sup>2</sup> (psi)	51 ± 15%
	TD			55 ± 15%
Tensile Load	MD	D-882	N	56 ± 15%
	TD			61 ± 15%
Elongation	MD		%	108 ± 15%
	TD			97 ± 15%
Impact Spencer		D-3420	g	2048 ± 15%
Puncture energy			Nmm	135 ± 15%
<b>Conditions of use</b>				
Heat Sealing Temperature			°C	180-230
Recommended usage temperature			°C	up to 175°C for 2 hours
<b>Recommended Storage Conditions</b>				
Storage temperature	15°C to 25°C			
Humidity	40% to 60%			
Heat	Avoid storage in direct sunlight, close to heaters or other heat radiating sources			
Time	12 months from dispatch of goods if stored as recommended			
<b>Quality</b>				
Material is manufactured to BRC certification standards and complies with EU regulations for food contact materials				
<p>The values indicated in the tables only describe typical properties. The information contained herein is to the best of our knowledge accurate, but since the circumstances in which it may be used are beyond our control are offered as a guide only. It is the end user's responsibility to make sure that the product is suitable for the end usage, we do not accept liability for any loss or damage. Details contained within remain at all times confidential between the intended recipient and Krehalon.</p>				

Date of issue: 31/12/2021  
 Expiry Date: 3 years after date of issue