

## Technical Data Sheet

# Durostone<sup>®</sup> LTE 769

GFK-EP

### Typical characteristics

- Material compuesto reforzado con fibra desarrollado para aplicaciones en el campo de la soldadura por ola (temperatura máxima de funcionamiento continuo 260 °C)
- Propiedades mecánicas reducidas para paletas de soldadura de pequeño formato y resistividad superficial según aplicaciones ESD.

### Typical industries

- Electrónica

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,85
<b>Mechanical properties</b>			
Flexural strength $\perp$ RT	ISO 178	MPa	360
Flexural strength $\perp$ +150°C	ISO 178	MPa	65
Modulus of elasticity in flexion $\perp$ RT	ISO 178	MPa	18000
Modulus of elasticity in flexion $\perp$ +150°C	ISO 178	MPa	4500
<b>Thermal properties</b>			
Thermal conductivity	DIN 52612	W/m K	0,23
Max. continuous operating temperature		°C	260
<b>Physical properties</b>			
Water absorption	ISO 62	%	< 0,20
<b>ESD properties</b>			
Surface resistivity	ASTM D257	$\Omega$ /sq	10 <sup>5</sup> - 10 <sup>8</sup>

$\perp$  = perpendicular to the lamination  $\parallel$  = parallel to the lamination Availability - Standard sheet size: 2440 x 1220 mm - Thickness: 5 -0/+0,2 mm 6 -0/+0,2 mm 8 -0/+0,2 mm 10 -0/+0,2 mm 12 -0/+0,2 mm - Sanded

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Print: 27/06/2026 • Release: 20/09/2023  
 PIM-ID: 715233 • PIM-Code: 42-22-13.15-8-12  
 Company-IDs: 20000-1

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