

**Silcadur PLG 100** is a dry lubricant for the lubrication of plunger and shot sleeve in high pressure die cast machines.

### Special Properties

- Reduced porosity of castings as only small quantities of Silcadur PLG 100 are required
- Automated application through free-flowing and dust-free granules
- Increased lifetime of shot sleeve and splunger due to capillary effect
- No creation of flame during application

Product Characteristics	Value	Dimension
Congealing point	98 - 105	°C
Bulk density	0.65 - 0.72	kg/ℓ
Solid content	18 - 23	%
Solid lubricants	High purity graphite in combination with a synergistic mix of white solid lubricants	
Particle sizes	< 320 μm 320 - 450 μm (ultra beads) 450 - 950 μm 950 - 1550 μm 1550 - 1850 μm 1850 - 2050 μm (oval)	micron
Shape	Spherical	
Carrier	Synthetic wax with a high melting point and low melt viscosity	

### Application

- Silcadur PLG 100 is applied into the shot sleeve with automatic dosing equipment.
- Manual dosing is also possible. However, it is not recommended.

### Recommended Usage

- 0.3g – 4.0g per application depending on the size of the plunger diameter and the casting weight.

### Packaging Units

- 12kg buckets, 136kg drums, 500 - 800kg bulk bags

These products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be give, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.