

Chesterton 785 Parting Lubricant

Category : Fluid , Lubricant

Material Notes:

Description: Chesterton® 785 Parting Lubricant represents the newest generation of anti-seize compound. A proprietary blend of ultra-fine inorganic solid lubricants in a non-carbonizing, ashless synthetic carrier, 785 Parting Lubricant can be used under extremely severe conditions of temperature and pressure to assist in assembly and in assembly of threaded components. Chesterton 785 Parting Lubricant contains no toxic heavy metals. Plant personnel need not be concerned with health hazards associated with nickel or lead. Because 785 Parting Lubricant utilizes a synthetic con-carbonizing base, the product can be used over a broad temperature range. Hardening will not occur when used between -34°C to 1204°C (-30°F to 2200°F). **Features:** No Toxic Heavy Metals For Extreme Pressure- up to 4730 kg/cm² (67, 570 psi) Broad Service Temperature Range Ultra-Fine Particles Balanced Coefficient of Friction NSF H2 – Registration number 133960 **Benefits:** Safer to workers Usable under most extreme conditions Will not carbonize No need for torque tension recalculation Fills in microscopic voids **Suggested Uses:** Bolts, screws, studs, pipe threads, press fits, pump sleeves and splines. Use in power plants, textiles mills, bakeries, foundries, steel mills, boiler rooms, oil refineries, marine applications, chemical plants, automotive industry. **Information provided by Chesterton**

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chesterton-785-Parting-Lubricant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	
Particle Size	<= 25 µm	<= 25 µm	

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.10	0.10	40 kgf, 1200 rpm; ASTM D2266
Four Ball Extreme Pressure, Load Wear Index	67570	67570	[psi]; ASTM D2596, DIN 51 350
Four Ball Extreme Pressure, Weld Load	400 kg	882 lb (mass)	ASTM D2596, DIN 51 350
Penetration	32.3	32.3	[mm], Unworked; ASTM D217, ISO 2137
	33.4	33.4	[mm], Worked; ASTM D217, ISO 2137
K Factor (Wear Factor)	0.17	0.17	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1204 °C	2199 °F	
Minimum Service Temperature, Air	-34.0 °C	-29.2 °F	
Dropping Point	>= 316 °C	>= 601 °F	ASTM D566, ISO2176

Descriptive Properties	Value	Comments
Color	Metallic gray	
Consistency	Soft Paste	

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