

CHEMLOK® 6220

Technical Data Sheet

Chemlok® 6220 is a covercoat that affixes a wide variety of elastomers to metal substrates. It is composed of a mixture of polymers, organic compounds and mineral fillers dissolved or dispersed in an organic solvent system.

Chemlok 6220 provides excellent heat resistance while offering superior resistance to salt spray and corrosive atmospheres.

Features and Benefits

Versatile: affixes a variety of elastomers and metals when used in combination with Chemlok 205.

High Temperature Resistant: provides excellent heat resistance at exposure temperatures as high as 149°C (300°F).

Environmentally Resistant: provides superior resistance to heat and salt spray.

Elastomers

- Natural Rubber (NR)
- Polychloroprene (CR)
- Polyisoprene (IR)
- Nitrile (NBR)
- Styrene-butadiene (SBR)
- Polyacrylate (ACM)
- Polybutadiene (BR)

Application

Surface Preparation: Thoroughly clean metal surfaces prior to primer application. Remove protective oils, cutting oils and greases by solvent degreasing or alkaline cleaning. Remove rust, scale or oxide coatings by suitable chemical or mechanical cleaning methods.

Allow primer to thoroughly dry before applying Chemlok 6220.

For further detailed information on surface preparation of specific substrates, refer to Chemlok application guide.

Mixing: Thoroughly stir Chemlok 6220 before use, and agitate sufficiently during use to keep dispersed solids uniformly suspended. If dilution is needed, use xylene or toluene. Note proper dilution for the various application methods is best achieved by experience. Give careful attention to agitation since dilution will accelerate settling.

Applying: Apply Chemlok 6220 by brush, dip or spray methods.

Regardless of application method, the dry film thickness of Chemlok 6220 should be 12.7-17.8 micron (0.5-0.7 mil).

Curing: Chemlok 6220 cures during the rubber vulcanization process.

Cleanup: Use xylene, toluene, acetone or ketones for clean up.

Typical Properties*

Appearance	Black Liquid
Viscosity cps @ 25°C (77°F) Brookfield LVT Spindle 2, 30 rpm	100 - 300
seconds Zahn Cup #2	45 - 90
Density kg/m ³ (lb/gal)	970 - 990 (8.1 - 8.3)
Solids Content by Weight, %	25.5 - 2.5
Flash Point (Seta), °C (°F)	27 (81)
Solvents	Xylene

*Data is typical and not to be used for specification purposes.

Shelf Life/Storage

Shelf life is one year from date of shipment when stored by the recipient at 21-27°C (70-80°F) in original, unopened container. Do not store or use near heat, sparks or open flame.

Cautionary Information

Before using this or any Parker Lord product, refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions.

Verify Volatile Organic Compounds (VOC) requirements with the applicable local, regional and state air quality authorities before importing, selling or using this product. VOC rules, thresholds and reporting obligations vary by jurisdiction; compliance is the responsibility of the importer/seller/owner.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

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CHEMLOK® 6220

技术说明书

Chemlok® 6220作为一款面涂,可以帮助和促进各式各样的弹性体附着至多种金属上。本品是聚合物、有机化合物和填料在有机溶剂系统内溶解或分散形成的混合物。

Chemlok 6220 针对盐雾和抗腐蚀环境,有优异的耐环境性。

特征和优点

用途广泛: 与Chemlok 205 配合使用,可促进各式各样的弹性体附着至各种金属。

耐高温性强 – 有很好的耐高温性,最高可承受的温度为149°C (300°F)。

耐环境性强 – 可耐高温并很好地耐受盐雾。

弹性体

- 天然橡胶 (NR)
- 聚异戊二烯 (IR)
- 丁苯橡胶 (SBR)
- 顺丁橡胶 (BR)
- 氯丁橡胶 (CR)
- 丁腈橡胶 (NBR)
- 聚丙烯酸酯 (ACM)

使用方法

表面处理: 在涂敷前,应彻底清洗金属表面。使用溶剂型除油剂或碱性清洗剂去除金属表面的保护油、切削油和油脂。选择适当的化学或机械清洗方法,除去金属表面的锈、腐蚀层或氧化层。

在涂敷Chemlok 6220之前确保底涂彻底干燥。

对于特定基材的表面处理的详细信息请参阅Chemlok/Chemosil应用指南。

混合: 使用本品前,应彻底搅拌均匀。使用时,充分搅拌以保持悬浮固体均匀分散。如果需要稀释,可使用二甲苯或甲苯。注意:针对不同涂敷方式的稀释最好通过经验获得。稀释会加速沉降,搅拌时须特别注意。

涂敷: Chemlok 6220可采用刷涂,浸涂或喷涂的涂敷工艺。

无论采用何种涂敷方式,Chemlok 6220的干膜厚度应为12.7-17.8微米 (0.3-0.5密尔)。

固化: Chemlok 6220 在橡胶硫化过程中固化。

清理: 使用二甲苯、甲苯、丙酮或酮来清除Chemlok 6220。

保质期/储藏要求

自发货之日起,保质期为一年,但是收货人必须使用出厂未开封的原装容器,且保存在21-27°C (70-80°F)的条件下。储藏或使用时不得靠近热源、火花或明火。

典型特性*

外观	黑色液体
粘度 cps @ 25°C (77°F) Brookfield粘度计 2号转子, 转速30 rpm	100 - 300
seconds Zahn Cup #2	45 - 90
密度 kg/m ³ (lb/gal)	970 - 990 (8.1 - 8.3)
固体含量, %	25.5 - 2.5
闪点 (Seta), °C (°F)	27 (81)
溶剂	二甲苯

*典型数据不可作为产品标准之用。

警示信息

使用本品或派克洛德 (Parker Lord) 任何产品之前, 请参阅安全数据表 (SDS) 和产品标签上关于安全使用和处理的说明。

在进口、销售或使用本产品之前, 请与当地及相关国家区域的空气质量主管部门核实挥发性有机物 (VOC) 的要求。VOC 的规定、阈值和报告义务因地区而异; 合规责任在于进口商/销售商/所有者。

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