

CHEMLOK® 6260

Technical Data Sheet

Chemlok® 6260 is a one-coat surface treatment that affixes rubber compounds to metal. It is composed of a mixture of polymers, organic compounds and mineral fillers dissolved or dispersed in an organic solvent system.

Chemlok 6260 provides excellent adhesion and corrosion resistance when used with mechanically or chemically treated cold rolled steel or aluminum.

Features and Benefits

Versatile: affixes a variety of elastomers; can be used as a covercoat over Chemlok 205 or 207 for maximum protection or when environmental conditions are severe.

Easy to Apply: applies easily by spray, dip or brush methods.

Process Compatible: resists sweeping; accommodates a wide range of processing conditions at moderate temperatures, including extended prebake.

Identifiable Appearance: provides a brown color for easy identification when used over black anti-corrosion coatings.

Environmentally Resistant: provides excellent resistance to salt spray.

Elastomers

- Natural Rubber (NR)
- Polyisoprene (IR)
- Styrene-butadiene (SBR)
- Chlorinated Polyethylene (CPE)
- Chlorosulfonated Polyethylene (CSM)
- Polybutadiene (BR)
- Polychloroprene (CR)
- Nitrile (NBR)
- EPDM Polymers

Application

Surface Preparation: Thoroughly clean metal surfaces prior to 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.

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

Mixing: Thoroughly stir Chemlok 6260 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 6260 by brush, dip, spray or any other method that gives a uniform coating and avoids excessive runs and tears.

Regardless of application method, the dry film thickness of Chemlok 6260 should be 17.8-25.4 micron (0.7-1.0 mil). For affixing cured rubber, dry film thickness of 25.4-50.8 micron (1.0-2.0 mil) is normally used.

Curing: Chemlok 6260 cures during the rubber vulcanization process

Typical Properties*	
Appearance	Brown Liquid
Viscosity cps @ 25°C (77°F) Brookfield LVT Spindle 2, 30 rpm seconds Zahn Cup #3	100 - 600 12-68
Density kg/m ³ (lb/gal)	976.6 - 1018.5 (8.15 - 8.50)
Solids Content by Weight, %	26 - 30
Flash Point (Seta), °C (°F)	6 (44)
Solvents	Xylene

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

Shelf Life/Storage

Shelf life is six months from date of shipment when stored by the recipient in a well ventilated area 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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Values stated in this document represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

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CHEMLOK® 6260

技术说明书

Chemlok® 6260是一种单涂型表面处理剂,可以帮助和促进橡胶化合物附着至金属。本品是聚合物、有机化合物和矿物填料在有机溶剂系统内溶解或分散形成的混合物。

Chemlok 6260可以为经过机械或化学处理的冷轧钢材或铝材提供卓越的高强度性能和防腐蚀性能。

特征和优点

用途广泛: 适用于各式各样的弹性体;为提供最大限度的保护,或在环境条件严苛的情况下,可作为Chemlok 205或207的面涂使用。

易于涂敷: 使用简单,喷涂、浸涂、或刷涂均可。

工艺兼容: 耐清扫(冲刷);中等温度下可适应各种工艺条件,包括长时间预烘烤。

可识别的外观: 在黑色防腐蚀涂层上使用时,为易于识别,颜色为棕色。

耐环境性强: 具有出色的耐盐雾性。

弹性体

- 天然橡胶 (NR)
- 聚异戊二烯 (IR)
- 丁苯橡胶 (SBR)
- 氯化聚乙烯 (CPE)
- 氯磺化聚乙烯 (CSM)
- 顺丁橡胶 (BR)
- 氯丁橡胶 (CR)
- 丁腈橡胶 (NBR)
- EPDM 聚合物

使用方法

表面处理: 在涂敷底涂前,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理方法,去除锈、腐蚀层或氧化层。

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,充分搅拌以保持分散固体均匀悬浮。如果需要稀释,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 6260可采用刷涂、浸涂、喷涂或任何可提供均一涂膜、避免涂膜流淌或撕裂的涂敷工艺。

无论采用何种涂敷方式,Chemlok 6260的干膜厚度应为17.8-25.4微米(0.7-1.0密尔)。固化橡胶的附着通常需要的干膜厚度应为25.4-50.8微米(1.0-2.0密尔)。

固化: Chemlok 6260在橡胶硫化工艺期间进行固化。

保质期/储藏要求

自发货之日起,保质期为六个月,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)的良好通风处。储藏或使用时不得靠近热源、火花或明火。

典型特性*

外观	棕色液体
粘度 cps @ 25°C (77°F) Brookfield粘度计 2号转子, 转速30 rpm seconds Zahn Cup #3	100 - 600 12-68
密度 kg/m ³ (lb/gal)	976.6 - 1018.5 (8.15 - 8.50)
固体含量, %	26 - 30
闪点 (Seta), °C (°F)	6 (44)
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。

仅可用于工业/商业用途。要求本品在有组织排放下使用。使用本品者事先必须接受相关培训。不得用于家庭用途。不得用于消费品。

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