

Catalyst PS/4

Polyolefin
Solvay Specialty Polymers

Message:

Catalyst PS/4 is a PE-based catalytic masterbatch that accelerates the crosslinking reaction during the solidification of pipeline products by exposing the pipeline to water or steam at high temperatures. The catalyst PS/4 contains processing aids and low-reactivity aids that can improve processing performance under certain conditions.

General Information	
Features	Antioxidation
	Good thermal aging resistance
Uses	Pipe components
	Piping system
	Potable water application
Agency Ratings	DVGW W270 2
	KTW Not Rated 2
	NSF 14 2
	NSF 61 2
Processing Method	Pipeline extrusion molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.55	g/cm ³	ISO 60
Melt Mass-Flow Rate (MFR)	4.5	g/10 min	ISO 1133

Additional Information			
上述数据为典型的平均值用法及用量Catalyst PS/4应该与硅烷可交联POLIDAN®复合物按照5%:95%的比例一起使用.这两种组份应在挤出前共混或在使用自动进料器时,在加工过程中连续混合.一般不需要预烘干催化剂母料.着色Catalyst PS/4和 POLIDAN®复合物可以与高品质PE类色母粒一起使用.苏威特种聚合物建议使用前,对任何色母粒进行预烘干.存储产品必须按下列条件存储:-密封,包装袋完好 环境温度不超过40°C -室内放置,避免在阳光下曝晒 存放时间过长会造成产品性状改变.苏威特种聚合物建议按照包装印制生产日期,在12个月内使用完毕.如果没有满足上述条件,苏威特种聚合物不承担任何责任.包装Catalyst PS/4包装成25kg/袋,堆放于货板供应.技术服务Catalyst PS/4属于苏威特种聚合物催化剂产品系列,应与POLIDAN®化合物一起使用.苏威特种聚合物技术服务部门为客户提供包括投产和产品使用过程中任何必要的进一步信息和建议.			

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	150 - 200	°C
Cylinder Zone 2 Temp.	150 - 200	°C
Cylinder Zone 3 Temp.	150 - 200	°C
Cylinder Zone 4 Temp.	150 - 200	°C
Cylinder Zone 5 Temp.	150 - 200	°C
Head Temperature	200	°C
Extruder Screw L/D Ratio	25:1 ~ 30:1	

Extruder Screw Compression Ratio	>2.5:1	
Die Temperature	210	°C
Extrusion instructions		

与POLIDAN®交联牌号共混的常用挤塑温度

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