康耐特化工
KNTKEM

6PPD TDS

Product Name	Antioxidant 6PPD(4020)		
Chemical name	N-(1,3 dimethylbutyl)-N'-phenyl-p-phenylenediamine		
Classification	Antioxidant		
Molecular formula	$C_{18}H_{24}N_2$		
CAS No.	793-24-8		
Specification			
Item	Unit	Index	Testing method
Physical Form	--	Pastilles	Visual
Appearance	--	Dark purple	Visual
Initial M.P.	℃ min.	45.0	GB/T21841-2008
Loss on drying	% max.	0.50	GB/T21841-2008
Ash content	% max.	0.30	GB/T21841-2008
Assay	% min.	96.0	GB/T21841-2008
Application	As a kind of ursol rubber antioxidant,6PPD has better compatibility with rubbers,seldom blooming,low volatility,low toxicity,with excellent antioxidant,anti-ozone,anti-flex cracks,anti-insolation cracks,strong inhibition on copper ormanganese and other toxic metals,applicable to all types of synthetic rubber and natural rubber.With good dispensability in sizing material and little effect on vulcanization,It can soften sizing material,so can be used for tires and other kinds of rubber products,also can be used as heat oxygen stabilizer for polyethylene,polypropylene and acrylic resin.		
Storage	To keep the bags tightly closed in a cool, well-ventilated place on the dry wooden shelf at a height of 20cm min. And to avoid from moisture,sunshine, light and fires.The recommended shelf life is 6 months		
Package	25kg paper bag or PP weaved bag lined with plastic bag. Or to pack as required.		

6PPD

产品名称	防老剂6PPD（4020）		
化学名称	N-(1,3-二甲基丁基)-N'-苯基对苯二胺		
分子式	$C_{18}H_{24}N_2$		
CAS号	793-24-8		
技术指标			
特性	单位	指标	检测方法
形状	--	片状或粒状	目测
外观	--	灰紫色至紫褐色	目测
熔点(初熔)	℃≥	45.0	GB/T21841-2008
加热减量	%≤	0.50	GB/T21841-2008
灰分	%≤	0.30	GB/T21841-2008
纯度	%≥	96.0	GB/T21841-2008
用途	6PPD 为对苯二胺类橡胶防老剂，它与橡胶的相溶性较好，不易喷霜，不易挥发，毒性低，具有优良的抗氧、抗臭氧、抗曲挠龟裂、日晒龟裂，对铜锰等有害金属有较强的抑制作用，适用于各类合成橡胶和天然橡胶。在胶料中分散性好，对胶料有软化作用，对硫化影响不大。可用于轮胎等各类橡胶制品，也可作为聚乙烯、聚丙烯、丙烯酸树脂的热氧稳定剂。		
储存	存放在阴凉、干燥通风处；远离湿、热；避开明火和阳光。建议储存期为半年。		
包装	25千克纸塑复合袋，内衬塑料袋。或根据要求包装。		