

PDPD poly(dicyclopentadiene-co-p-cresol)

PARAMETER	UNIT	VALUE	REFERENCES
GENERAL			
Common name	-	poly(dicyclopentadiene-co-p-cresol)	
CAS number	-	68610-51-5	
EC number	-	271-867-2	
PHYSICAL PROPERTIES			
Density at 20°C	g cm ⁻³	1.04-1.1	
Color	-	white	
Melting temperature, DSC	°C	105-118	
Glass transition temperature	°C	92	
FLAMMABILITY			
Flash point	°C	46.8	
TOXICITY			
HMIS: Health, Flammability, Reactivity rating	-	0/0/0	
Oral rat, LD ₅₀	mg kg ⁻¹	5,000	
Skin rabbit, LD ₅₀	mg kg ⁻¹	2,000	
ENVIRONMENTAL IMPACT			
Aquatic toxicity, <i>Daphnia magna</i> , LC ₅₀ , 48 h	mg l ⁻¹	0.2	
Aquatic toxicity, <i>Rainbow trout</i> , LC ₅₀ , 48 h	mg l ⁻¹	0.2	
Partition coefficient	log Pow	7.56	