

ANDONOX PDM-28

DESCRIPTION

ANDONOX PDM-28 is an efficient initiator for polymerisation of monomers and resins with vinyl unsaturation at elevated and higher temperatures.

TYPICAL PROPERTIES

t-Butyl Perbenzoate content:	min. 78 %
Active oxygen content:	7.4 ± 0.1 %
Appearance:	Colourless to slightly yellow liquid
Density at 20°C:	1.03 – 1.07 g/cm ³
Flash point (Seta CC):	> 60°C
Soluble in:	various organic solvents like ethers, esters, ketones, alcohols, hydrocarbons, chlorinated hydrocarbons.
Moderately soluble in:	Glycol
Slightly soluble in:	Water
Storage temperature:	Max 25°C and Min 9°C

APPLICATION

ANDONOX PDM-28 in combination with cobalt accelerators is a highly efficient source of free radicals at elevated and higher temperatures (60 – 120°C). ANDONOX PDM-28 can be used as a substitute for tertiary-Butyl Peroctoate, although the room temperature pot life is usually shorter, unless TBC is used in the formulation. ANDONOX PDM-28 does not require refrigerated storage, which TBPO does. ANDONOX PDM-28 is suitable in injection and vacuum moulding like RTM. Can also be used in casting of filled material. Another possible application is in Pultrusion if you can accept a shorter pot life. ANDONOX PDM-28 has a lower effective operating temperature than NOROX TBPB.

The effective operating temperature can be lowered by the use of 0.1% or less of 6% cobalt octoate in the monomer resin system. 2,4-Pentanedione is similar in its action at 0.1-0.5% level and is unique in that it can be combined with peresters. Combination of the latter with cobalt containing monomer is synergistic and gives major reduction in effective temperature.

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PACKAGING, SHIPPING & AVAILABILITY

- The standard package size of ANDONOX PDM-28 is 25 kg in polyethylene bottles.
- Classification – Please refer to the specific ANDONOX PDM-28 Safety Data Sheet (SDS) under section 14 & 15, shipping & regulatory information. **NOTE:** SDS's for all Syrgis Performance Initiators products may be requested by contacting the company.
- ANDONOX PDM-28 is available through a global distributor network. Call Syrgis Performance Initiators for the name of the distributor in your area.

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Syrgis Performance Initiators AB

P.O. Box 26083, SE-100 41 Stockholm, Sweden
Phone +46 (0)8 545 121 60 • Fax +46 (0)8 545 121 70
email info@syrgis.se • www.syrgis.se