PC-1035 is a low viscosity, difunctional silicon-containing epoxy resin with exceptionally high reactivity. PC-1035 is a blend of various chain length monomers, which result in a colorless to very pale yellow fluid. The following physical and chemical characteristics make PC-1035 a unique product suitable for a wide range of applications.

**Physical appearance**  
Colorless to pale yellow liquid

**Viscosity**  
40–60 cP @ 25°C

**Specific gravity**  
0.99

**Weight per gallon**  
8.3 lbs/gal

**Thermal decomposition point**  
>220°C

**Water solubility**  
<1%

PC-1035 can be employed in typical epoxy resin applications. Curing can be accomplished using a wide variety of curing agents including: amines, anhydrides, polyamides and polysulfides. The presence of the cycloaliphatic epoxy groups in the resin makes it especially suitable for cure with anhydrides. In such applications, amine accelerators can be used. PC-1035 can also be cured photochemically using cationic polymerizations such as diaryliodonium and triaryl sulfonium salts. Such cationic polymerizations are especially useful in applications where high cure rates are desirable such as coatings for metals and in printing inks.

The Polyset Company has considerable experience in tailoring formulations based on PC-1035 for specific applications. In addition, the Polyset Company possesses unique thermal and UV epoxy cure systems which provide rapid cure of PC-1035 at low temperatures. We will gladly formulate PC-1035 and other epoxy-based resins to your specifications.

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**Limited Warranty:** Polyset Company Inc. makes no warranty, expressed or implied, including any warranty of merchantability of fitness for a particular purpose. The sole remedy of Purchaser for any claim concerning this product, including, but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the discretion of Polyset Company Inc. Any claims concerning this product shall be submitted in writing within one year of the delivery date of this product to Purchaser and any claims not presented within that period are waived by Purchaser. IN NO EVENT SHALL POLYSET COMPANY INC. BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDES LOSS OF PROFITS) OR PUNITIVE DAMAGES.