

## **BASF Palamoll® 654 Polymeric Plasticizer**

Category : Other Engineering Material , Additive/Filler for Polymer

### **Material Notes:**

**Description:** Palamoll® 654 is a medium viscosity polymeric plasticizer that is compatible with PVC. It is based on adipic acid and polyhydric alcohols. It is resistant to oils, fats, aliphatic hydrocarbons and bitumen. It is soluble in organic esters, ketones, ethers, aromatic and chlorinated hydrocarbons. **Applications:** Palamoll® 654 has little tendency to migrate into other plastics and adhesives. It is used in hoses, wire and cable jacketing and protective clothing where extraction resistance to oils, mineral spirits, water and aqueous media is important. Palamoll® 654 is used to plasticize FPVC roofing systems where bitumen, water and sunlight resistance properties are necessary. It is used in FPVC films that will be coated with a dispersion adhesive as well as electrical tape, decorative film and decals. Palamoll® 654 should be pre-heated to 80°C before addition to the dry blend. The mixing cycle should continue until a temperature of 150°C - 170°C is reached, depending on the amount of plasticizer. It has a higher molecular weight than monomeric plasticizers and must be processed at a higher fusion temperature. **Notes:** Properties for product in vinyl film, the specimens were prepared from compression-molded film of 60 mils gauge for the determination of torsional rigidity, 400 mils Shore A and D hardness and 20 mils for all other properties. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Palamoll-654-Polymeric-Plasticizer.php](http://www.lookpolymers.com/polymer_BASF-Palamoll-654-Polymeric-Plasticizer.php)

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