PAR Group Ltd
TPU800 Thermoplastic Polyurethane - Clear
Food Contact Information

EU Directive 2002/72

All constituents used in the formulation of TPU800 thermoplastic polyurethane - clear have been reviewed and found to be in compliance with the appropriate food contact regulations of EU and EFTA countries as all of these countries have adopted the food contact directive for plastics 2002/72/EC into their national regulations.

The overall migration limit of 10 mg/dm² contact surface or 60 mg/kg food and the specific migration limits for the below mentioned products must be met by the final article coming into contact with foodstuffs:

1. Diphenylmethane-4,4'-diisocyanate  QM = 1 mg/kg plastic (expressed as NCO)
2. 1,4-butanediol  SM = 5 mg/kg food
3. Primary aromatic amines  SML = Not detectable (detection limit 0.02 mg/kg food expressed as aniline).

FDA (Food and Drug Administration)

The formulation of TPU800 thermoplastic polyurethane - clear uses constituents which meet the current requirements of the FDA for food contact applications when used in accordance with the requirements and limitations of 21 CFR: 175.105: Adhesive, 177.1680: Polyurethane resins, 177.12101: Closure for sealing gaskets for food containers, 177.2600: Rubber articles intended for repeat use.

1For use only: no limitation on amount used, but for use only in closure gasket compositions used in contact with food types VI-A and VI-C (up to 15% alcohol) under conditions of use D, E, F and G as described in Sec. 176.170(c) of this chapter, tables 1 and 2 respectively.

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