

FDA status of N-MXD6

Reference	Material	Max content, Thickness	Type of Food	Condition of use	Others
21 CFR PARTS 177.1500 (Direct contact)	N-MXD6 (CAS No.25718-70-1) and Impact modified N-MXD6 3 α -(3-aminopropyl)- omega (3-amino-propoxy) poly oxyethylene : not exceed 7wt% (CAS No.59655-05-9)	not exceed 40microns	for use in processing, handling, and packaging of food of types V and IX V : Low-moisture fats and o IX : Dry solids with the surface containin free fat or oi	C : hot filled or pasteurized above 150°F(68°C) D : hot filled or pasteurized below 150°F(68°C) E : Room temp. filled and stored 1 F : Refrigerated storage 1 G : Frozen storage 1 H : Frozen or refrigerated storage 2 1): no thermal treatment in the containe 2): reheated in the containe	
PARTS 177.1500 (Direct contact modifier of N-6)	Impact modified N-MXD6 for use as modifiers in N-6 filr	not to exceed 13wt% not exceed 15microns	for packaging, transporting, or holding food excluding beverages containing more than 8vol% alcoho	not to exceed 49°C E, F, G	
PARTS 177.1390 and 177.1500 (nonfood-contact)	Laminate structures (1)Multilayer films and (2)rigid container with PP MXD6: for use only nonfood-contact layer:		250°F(121°C) and above food of all type	A:high temp. heat-sterilized B:boiling water sterilized C, D, E, F, G, H	Cyclicmonomer : not more than 0.5 micro-g/in ²
PARTS 177.1630 (modifier of PET)	N-MXD6 as a modifier of PET	not to exceed 30wt% of PET	all types of foods except (a) or (b) (a) more than 8% alcohol (b) those at temperature over 49°C		Chloroform-soluble extractives not exceed 0.08mg/cm ² at 24hr/49°C in (a) distilled wate (b) n-Heptane (c) 8%ethyl alcoho
no objection letter	PET/N-MXD6 blend bottle	no more than 15wt%	foods containing not more than 8% alcohol	not exceeding 49°C	
no objection letter	PET/N-MXD6 multilayer bottle		(all type of food) (I, II, III, IV-A, V, VI-A,B, VII-A,B, VIII-A, IX	not exceed 49°C	PET is the food contact surface