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TOYOBO CO.,LTD

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product information

Hardlen CY-9124P

TOYOBO have been developing Chlorinated Poly Olefins(CPO) .CY-9122P and CY-9124P are one of Maleic modified chlorinated poly olefine base of poly propylene products.

(1) Properties

Fig.1 Properties of CY-9122P and CY-9124P

Contents		CY-9122P	CY-9124P
Cl content	{wt%}	22	24
Mw		65k	65k
MAH content	{wt%}	1.6	1.6
Tm	{°C}	82	80
Production stage		Commercial	Commercial
Supply property		Pellet	Pellet
Solubility [※]	Xylene	C	C
	Solvesso 100	C	C
	MCH	SC	SC
	n-BuOAc	N	CL
	MCH/EtOAc(1/1)	C	C
	MAK	N	N

※Solubility is 20wt% test.

These data are not specification

MCH : Metylcyclohexane EtOAc : Ethylacetate MAK : Methyl amyl keton
C : Clear solution > SC : Slightly cloud > CL : Cloud > N : insolble

<Note about solubility>

We recommend below combinations of some solvents for dissolving CPO.

(A)MCH and Esters such as EtOAc, PrOAc or BuOAc

(B)MCH and Ketons such as MEK, MIBK or MAK

MCH :Metylcyclohexane

EtOAc :Ethylacetate

PrOAc :n-Propylacetate

BuOAc :n-Butylacetate

MEK :Methyl ethyl ketone

MIBK :Methyl isobutyl ketone

MAK :Methyl amyl ketone