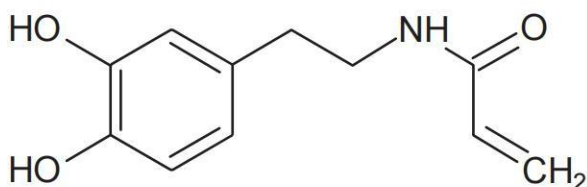


高机能粘合性单体

多巴胺丙烯酸氨化物(DopAm)



M.f. C₁₁H₁₃NO₃

M.w. 207.2

CAS No. 201610-44-8

熔点 M.p.; 97~99°C

溶解性 Solubility(Good Solvents); Methanol, Ethanol, DMF, DMSO

用途

付与密着性/粘合性

Surface Adhesive Effect (Substrate/Coating)
Tackifier for Adhesion

提高特殊粘合性 (PP/Al、Glass/Al)

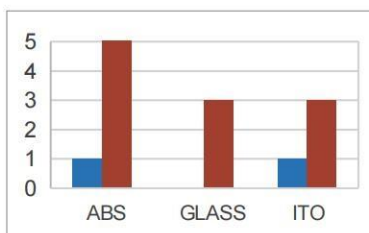
Adhesive Effect between Dissimilar Materials



特性

用添加量1wt%可提高特性。 Several Effects by Adding 1wt% of DopAm.

密着性(Surface Adhesion)



■ 4-HBA/TMP3A/UV-Initiator(95/5/10).
■ DOPAm(1wt%)was added.

图1 密着性试验

基盤目試験

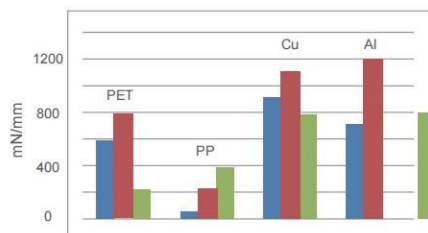
评价(无剥离;5~全剥离;0)

Cross-cut Adhesion Test

UV Curing Film; Thickness ca.20μm

Evaluation(Unchange; 5~All Detachment; 0)

粘着性(Tackiness)



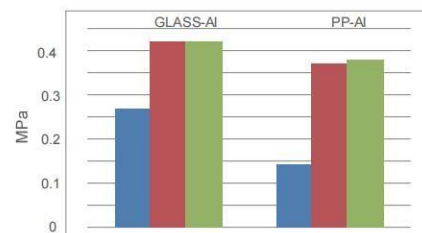
■ THFA/UV-Initiator(100/10).
■ DOPAm(1wt%)was added.
■ Commercial Silylated Urethane Adhesive(SiUAd).

图2 粘着性试验/剥离试验 JIS Z 0237

Peeling Test Using PET Film

UV Curing Adhesion; Thickness ca.20μm

接着性(Adhesion)



■ Poly(BA/4-HBA)/Closlinker [(95/5)/5]
■ DOPAm(1wt%)was added.
■ Commercial SiUAd.

图3 拉伸试验 JIS K 6850

Tensile Test

代理商: 松金国际贸易南通有限公司

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